

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-E12

<400> 6118

acgcgtccnc tctaattctt ttgccatgga ggtagatcct accgttgaaa ctgatgacat 60
 ggctggtaca gacgggatgg atgggtttatt ctctgatttg gcaaatacga ttcttggaat 120
 cgatgaggct atgagttttg ctgagatggt gaagttggtg caaacaatgg attatgctac 180
 tattgtgttt gacactgctc ctactggaca tactctccgc ctgttacagt ttccggccac 240
 actagaaaag ggactttcga agttgatgtc attgaagagt agatttggtg gcttgatgac 300
 tcagatgagc cgtatgtttg gcatgganga tgagttcgga gaagatgctt tgctgggaag 360
 acttganggc ttgaaaagat gtgattgaac aagttaatcc gcaattcaaa gaccggatat 420
 gactacgttc gtttgtgtcc ncateccc 448

<210> 6119
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-E4

<400> 6119

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 caccatcaca ccaatccaac tccatttaaa ttcacagctc tataagagtc acctagacaa 120
 gtcaagagag agagatagtt ctgacttctg acagagactc atggcggaag cttgcggagt 180
 gagaaggatt aagctaggaa gccaaaggct tgaggtatcg gcgcaaggtc ttggttgcac 240
 gggctctctt gctttctacg gtactcccaa gccggaaacc gaagctatcg ctctcatcca 300
 ccacgccatt cactccggcg tcaactttct tgacacctcc gatatctacg gtcctgagac 360
 caacgagctt ctctcagca aggtctctca ggatgggggt agagaaaaag tggaacttgc 420
 gaccaaatat ggaatcaggt atgcagaagg ggaaagt 457

<210> 6120
 <211> 472

<212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-E6

<400> 6120

cgtacaagtc tnaaattccc gggccgaccc acgcgtccan ccacgcgtcc ggcttttagt 60
 attttttttca acaatcgctt ttttttttct cgatctccgt gaagctctcg aatctctggt 120
 tttgagtttt ggagaatggt gtttttccgc agcgtatcgg cctttactag gctgaggtct 180
 cgcgtcggcc aacaatcttc actcagcaat tctgtcagat ggattcagat gcagagctct 240
 accgacctgg acctgaagtc gcagctgcaa gagttaattc cggaacagca ggaccgtctg 300
 aagaaaactga agtcagaaca tgggaaggtc caactgggaa acatcactgt tgatatgggt 360
 attggtggaa tgagagggat gactggattg ctttgggaaa cctcattgct tgacccggaa 420
 gagggtantc gctttanggg attgtcgaat cctgagtgc gaaaagtata cc 472

<210> 6121
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-F10

<400> 6121

gtacaagtct caaattcccg ggccgaccca cgcgtccagc cgagcaactg aagcatgctg 60
 aagagcaggt tgatcagaaa acacaaaatc gggatgctct tagagcggat atccagaaga 120
 tacgcgcaat atgtaaggac tatgatata gttacaaggc ggtcatggca gaagagagat 180
 ctgcaagaaa agcaatgcat tcaaaacggc aggaaattga ggcccttcag tctatgatta 240
 gccgggttaa aagtgctgcg tctgttgatg atattgattc aagggtgctg aatatggaac 300
 atacgatgca gcacacaact ttatctctga atgaagaaaa agtttcatgc gtgaaataaa 360
 gcagttgaag caacttcgcg agcagatatc ttcgagtatg ggtaccaaag gatgaantta 420
 agcaagcatt ggattgagaa agagnaaaca gaanaacggt tgaagggtgt gaggaangga 480
 a 481

<210> 6122
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-F11

 <400> 6122

 acgcgtccga tcgagaaaga cgaaacatgg cttcttcttc tacttctctg aaaagaagag 60
 agcaaccaat ttcgcgagat ggagatcaac ttatcggttac tccgtagga gccggaagtg 120
 aagtgggtcg ttctgtgtt tacatgtcct tccgaggcaa aaatattctg tttgattgtg 180
 ggattcatcc tgcgtactcg ggcattggctg cgttgcccta cttcgatgag attgatcctt 240
 cttccattga tgtcctcttg attactcact ttcatataga tcatgcanca tctctacctt 300
 aatttctgga gaagacgaca ttcaatgggc gggttttcaa tgacacatgc aacaanaggc 360
 catctacaaa ntgttgctta cagattaagt gannngntga gcanagtgtc tgttggaag 420
 atatgttggt cnaatgaaca ngacatcaac aagtctatgg gacna 465

<210> 6123
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-F6

 <400> 6123

 tctcnaattc ccgggccgac ccacgcgtcc angcgagacg ggaaantcca tttgttggt 60
 tagaagcaag cagcagcttc ggaagcagtg gccgtataat gttcccaaca aaatatgaan 120
 gtgttaatna taacnggaag cancgaaggc aatcaangcg catcgggtta ccatgcanaa 180
 ctacctctag aaccgctgat gaatgttcag acaaaagcag caatggagac atcaactagt 240
 tcagggttag ctccanttca gctagaagca ngaagcgcgt ttcagacaag ccgggcaatg 300
 tcagggtctg gtaatgttat ggngacatct tcaccanaga gcancttana ctgcgatgac 360
 attcaccctt ttaaagtctt gtctgaagca gaggatgcan cgcantttta atgggttctc 420
 ttctgctggt gggcctgatg ggtcaacanc gaggacaaca 460

<210> 6124
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-016-Q1-E1-D1
 <400> 6124

ntttacgtgc caggccgggc aaaataccgg gtcgaccac gcgtccgccc acgcgtccgc 60
 cgaaagtctt catggcgctc aagcaaaaat tctgactcgt tgatccataa agcgaactct 120
 ttctcgctct tagtttctgc atttcgtcta tcaaaagtag gattatacac tttttgtttt 180
 tgtttttgtg aaaccctata cagttcgatc taaaacccta aaaagatggg gaaaccttcc 240
 gatttcaaag cagttcacia acttattcaa ttgcattaca gtcgagtcaa cctgttcaca 300
 acgacgggat ggtcaaaaact ctacgctttg tcttctccgg ctcttccttc aaatgggggt 360
 tctcagcttc agcctaagtc tggtttccac accttctcgt cgagaccac ttcgaaaaac 420
 tttggcttat cccagattct tctctaatg gggtttctca gcttcaacct aagacaattt 480
 c 481

<210> 6125
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-H1
 <400> 6125

acgcgtccgg tgccattttc aagcntttcg accggtcaac ccagaagatc caccgctaga 60
 tccattttctt gttcacacat tgacaatacg ctttgagcct aaaagacaga ggctgttgga 120
 tggacttgct ggtgcgcaac aagatttgag aagttttagc cttgtatttg agtacataaa 180
 agctttgcct gcgggtcaag aaacagactt tattctggta tctgttactg gttcgggagt 240
 agaagccaac agaagggagc aagtgttgaa agctaanagg gctgggtgaag attctttaag 300
 gagatcaggc cttggataca caatcattcc gtctgggtc ctttgaanga ggaaccangg 360
 cgggcaacga gctctgatat ttgatcaang aaacaagaat ttctcagggc attantttgc 420
 g 421

<210> 6126
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations.
 <223> Clone ID: LIB23-014-Q1-E1-H11

 <400> 6126

acgcgtccga aaagcttgaa cactccattg ttctctactc taccactatc tcacagagat 60
 tcatggatac gatgcgaatc tccggtgtat caaccggagc tgaggtttta atacaatgca 120
 attccttata aagcctcggt tctcgctggt gcgacgacgg aaaatggcga acgagaatgt 180
 ttccggcgag aaacagagac ttgcgtccat cgccgacgag aagatccttt ttgtcgggtga 240
 aatctatctc tagcgaaccg aaagccaaag taaccgacgc agttctcgat tccgaacaag 300
 aagtgtttat tagctcgatg aatccgtttg cgccagatgc tgcttcggta gcttcgagta 360
 tcaagtacca cgcgagagttt acgccattgt ttccaccgga gaagtttgag ttgcaaaggn 420
 gttcctttgc gactgcgcaa agtggttagag atgcttggtc atgnaattgg 470

<210> 6127
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-H2

 <400> 6127

gccgggcttt taccgggcca nagattcncg aanaccgacc cacgcntecn accacgcgtc 60
 angtctagct tgaagccttt agccatggcc gattcttctt cttctaccat tttctcccat 120
 ccttccatct cctctaccat ctcttctctc agaattcgca gctccagtgt ttcctcctt 180
 accggacgca ttaacctgcc cctctctttt tctcgctgtc ctctatctct taaaacccaaa 240
 acccacctta aaaaatcccc ctttgtctcc ttcggttgccc agacttcgga ttgggctgaa 300
 gaagggtggag aaggaagcgt cgctgttgag gagaccgaga acagttttaga gtcacaagat 360
 gtgagcgaag gagatgagaa gcgaangana tgcgagcgaa atgagatgtg agcgaangga 420
 gattgagann cgannagat gtgagcgaag ggagctgtga gcgaaagaag ctgaattcnc 480

gggagcaacc gggaagaan

499

<210> 6128
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-H3

<400> 6128

taccgggcca naaattcccg gaaccgaccc acgcntccga tcaaatacaa gtgcaaatcg 60
tgagttaagc agaagtattc tggtagaggt tctactggga gaggggatta tcttggtagt 120
tctgacgaca aggttagtga tagtatgtgg acttcagcta gagaaagaga agtgcaacca 180
tctttaggct ctgagaagcc aagatctgtt tcaattcctg aaactcctgc cagaagttct 240
cgtgctattg caccaccagn nttatctcct aggattgcct ctgaaatttc aatggcacct 300
cctgctgttg tttcgcagcc tgttcccaag tcaaatgatt cagagaaaat atggcattac 360
aacgacccat ctggttaaagt tcaangacct ttttcgatgg cgcanctccn taaatgggaa 420
caacactggg tacttcnctg ctaagttggn aanccnggga aagcaatgac ccaccgttg 479

<210> 6129
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-H5

<400> 6129

acgcgtccgc ccacgcgtcc gggtttacatg gtgctcgaca ccggcagcga catcgtctgg 60
ctacaatgcg ctcttgtcg gagatgctac tctcaatccg acccgatatt cgacccgaga 120
aatccaaga cctatgccac aatcccctgt tcttcacctc actgccgcg attagactcc 180
gccggatgca acaccgctcg taagacttgt ctctaccaag tctcttacgg agatggttct 240
ttcaccgctg gcgatttctc caccgaaacg ctaactttcc ggcgaaatcg cgttaaaggc 300
gttgctctcg gatgtggcca cgacaacgaa ggtctcttcg tcggagccgc cggtttatta 360
ngactcggtg aaggtaaatt atcgttcncc ggtcaaaanc ggtcaacggn ttaatcagaa 420

439

<400> 6130

gcctgaatat gtggatggac anattaaaca ttct . 454

<223> Clone ID: LIB23-014-Q1-E1-H9

ggagaagaat cggntttctg ganagtggat ttgagcgcaa cggcgatggg anttggngaa 420

gtncgagagg aacaanttgt tgacggangt ggggaggaag aggaagaagg cngagtggat 480
tattgctg 488

<210> 6132
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-015-Q1-E1-A1

<400> 6132

cgggcnttaa ttgcatctac gacagtcgta ccttttgcta gggtatcgtc gtcgatgatgc 60
agcagccacc tccagcttcc aacgggtgctg caacagggcc agggcagatt ccttccgacc 120
aacaagctta cctcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnngt ctgcaccgtc ttctgggtcaa ccacagcagc 240
agcagtatgg tgggtggtgga tctcagaatc caggatcagc tgggtgagatc cggtcctgt 300
ggatcgggtga cttgcagcca tggatggatg agaactatct catgaacgtc tttgggtctta 360
ctggcgaggc tacagcagct aaagttattc gcaataaaca gaacggatat tcagaangtt 420
atgggcttta ttgangtttg tgaaccaatg ctaca 455

<210> 6133
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-015-Q1-E1-A10

<400> 6133

acgcgtccgg gaagttgtcc atgaagaacc tgggtcatgt tcttaaagtt ccctttcgtc 60
gtgttcattt gtctggtggt gagccagctt ttgataatta tgacactagt ggtcctcaaa 120
atgttaatgc acacattggg cttgctaagc taaggaagga gtggattgat cgtcgggaga 180
agctaggaac accaagatac actcaaagt actacgctaa gcaagggatc ataactgagg 240
aaatgctcta ctgtgctact agggagaagc tagaccctga gtttgtaaga tcagaagttg 300
cacgaaggac gggcgattat cccttccaac aaagaagcat ttggagctgg aaaccgatga 360

ttgttgggta aaaagttcct ggtcaaggtc aatgcgaata tccggaaact ccgctgttgc 420
 caactccaat tgaagaagaa atctacaang gtcaatgggc aaccat 466

<210> 6134
 <211> 530
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-015-Q1-E1-A11
 <400> 6134

cttctacgtt gccnnggccc ggtcanaaaa tanacggggt cgaccacgc gtccgaggaa 60
 aatggtgtct tcttggtcct attgtcgtca cagccacaaa cttttgccct cctaacaacg 120
 ccttaccgaa caacgcagga ggttggtgta accctcctca gcagcatttt gatctctctc 180
 agcccgattt tcaacgcctc gctcaataca gagccggcat tgtccccgtc gcttaccgaa 240
 gagtgccgtg cgtgagaaga ggaggaataa ggtttacgat aaacggacac tcttacttca 300
 acctagttct gatcactaac gtcggaggag ccggagatgt tcaactcagcg atgggttaaag 360
 ggtcaagaac tgggatggca ancgatgttc aagaaactgg gggaacagaa ctgggaanag 420
 taactcctaa ccttaanggg naaacnctc ctcaattcaa aagttttcaa caaagcgatg 480
 gncaaaacca antgtctcct aacaacgttg ctaacgcaag gctgggtcct 530

<210> 6135
 <211> 430
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-015-Q1-E1-A2
 <400> 6135

acgcgtccgg agctgcggac aatcttcctc gcagggcttc ccgatgatgt aaaagagaga 60
 gagcttttga atctcttgag atggttgcct ggttacnaag nttcncaagt gaacttcaag 120
 gganaaaaagc ccanggggnt tgetcctttc tccaaanctc aatttgcaat ggnanccaaa 180
 gatacccttc aacananggt gtttgatgct gagtcaaagt ctgtgataca tacagagatg 240
 gccaaagaaga atctttttgt taaaagaggt attgttgggg attcaaagtc ttatgatcaa 300

gtgactgaag gatatgttga agctgctgag aaattccaaa gggagtctgg aaccanacca 360
 gngatagatc ttgcgaccan tactgatcga atggctgttn gnnaggctgt tcaagaacgc 420
 gcnntgncga ngatgcgatt gnaaagagtt taatggattt tgaancctgg 470

<210> 6140
 <211> 474
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C10
 <400> 6140

acgcgtccgc gtaagtgact tgagtcaaaa gtttttactc gcaatgaaat atttcgaaga 60
 gccactagag gagctcctcg tgacaatgag accagactgt cttgtcggta acatgttctt 120
 cccttggncc actaaagttg ctgagaagtt cggagtaccg agacttgtgt tccacggcac 180
 aggctacttc tctttatgtg cttctcattg cataaggctc cctaagaatg tggcaacaag 240
 ttctgagccc tttgtgattc ctgatctccc gggagacatt ttgattacag aggaacaggt 300
 catggngaca gaagaagagt ctgtantggg gaggtttatg aaggcaatng agactcagag 360
 agagatatct ttggcgtggt ggtganacaa cttctacgag cttgnacaag gcttactcag 420
 gantattttc nngagctttg tggggaagaa gngcgtnggc atatcggtcc gcct 474

<210> 6141
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C12
 <400> 6141

acgcgtccgg cggaattcga tgggtggatgc gattcaagta gctgagctga gaagattcgt 60
 cgagcagttg aaattgaatc cttcgattct ccacgatcct agtctgggtt tcntcaaaga 120
 atatctccga agtttaggag ctcaagttcc gaagattgag aaaactgaaa gagattatga 180
 agataaggct gagacaaaac ccagttttctc tctaaacnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngcctcc 300

tcagccgatg ggagacccta ctgctgaagt gaccgatgan natanggatg atgctcagtc 360
agaganagaa gcaacctatg gaaggcantc ctctgatggg aagtttggcg anagctatag 420
cagcatctac caaaagnt 438

<210> 6142
<211> 486
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-C2
<400> 6142

ttacgccgcc ctttaccggc caanaattcc cggatcgacc cacgcntccg taaaatggtt 60
atcaatcatt tggacaaact gtttgtcaca aatgacgctg ctactatagt gaatgagctc 120
gagattcagc acccggtgc taaacttctg gttttagctg ctaaggctca gcaagaagaa 180
atcggagatg gagctaattc gacaatctcc tttgctggtg aacttcttca aaacgctgag 240
gagcttatca ggatgggact tcatccgagt gagatcatta ctggatatac taaagctgtc 300
agcaaggctg ttaaatactg gaacaactgg gttgagactg ggttctgaga ccatggatgt 360
acntaacaag gatgaagtta tttctcgat gagagcanct gttgcaagca aacagtttgg 420
gcaangagga aataatttgc cccttagtta ctgacgcatg tattcaaagt ctgcccaacg 480
aatccn 486

<210> 6143
<211> 437
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-C6
<400> 6143

acgcgtccgc ggacgcgtgg gttttagttt caaataggga aacatcacgc tgttttggtc 60
gaattcgttt tgtcgccgtc ggtaatggcg aaaaattaca cagtcgccga tgtcgtaaat 120
atcgacagtg acagtgcagc tgacgacgac aacggaggag taataggaat ggttccgagc 180
ttggcatctc taatagagaa tcagaaagtt tcgatcgctg atgctgcgac ggtggctcct 240

cgagaaaccc tagagtgccg aagtttctgg aaagccggcg aaaactttgt gatcccttca 300
 agtgttactc taactgccat aggtatgggt gagcatgctc gtgttcatcc aanagtttct 360
 tcactcgaat gctacttcac ataaatgggc tttggagcaa tcgccgagct acttgacaat 420
 gccggttgat gagatac 437

<210> 6144
 <211> 425
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C7
 <400> 6144

acgcgtccgg atataggtat cgctgtggcg gatgcaactg acgctgcacg aggtgcttct 60
 gatattgtcc tcaccgagcc aggtctcagt gtgatcatca gcgcgggttct aaccagtaga 120
 gccatcttcc agagaatgaa gaactacaca atatatgcag tctcaattac cattcgtata 180
 gtgtttgggt ttatgctcat tgctctaata tggaagttcg acttttcacc attcatgggt 240
 ttgatcattg ctatattaaa cgatggaacc atcatgacta tctcaaagga cagagtcaag 300
 ctttctccaa caccagatan ctggnaactc aaagaaatct tcgcaaccgg cgttgttctt 360
 ggaggctaca tggctataat gactgttggt ttcttcnggg ccgcatacag aaaccgantt 420
 cttcc 425

<210> 6145
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-C8
 <400> 6145

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 tgaaggagca acaagaaaag aacttaacct ctgtttcgag aatatgaaga tggaaggagt 120
 tttgatctct gagtggaaag atatccctgt ggagcttctc atgaagattt taaaccttgt 180
 tgatgatcgg actgtgatca ttgcttcttg tatttgtagt ggctggagag atgctgtttc 240

ccttggcctc actcgctctt cctctctttg gtgcaagaag aatatgaaca gtttggttct 300
 atctcttgct cccaaattcg taaancttca gactttanta ctgcgacagg acaaaccgca 360
 cgcttgagga caacgcggtg gaagccatag caaatcantg tcattgagct acacnatttg 420
 g 421

<210> 6146
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-D2
 <400> 6146

ccggnccaag aattcccgan aacgaccac gctccggcg ataactnggt ttctctcctc 60
 tctctcatct ctctttgttt cgaccctttt ttagtatatt tccaggaaat atcttcttcc 120
 tcctttcggt ttctctatct cagttttctc tcntctcagc attaagtagt caacggtcag 180
 cgatctcggc gttccttcta atcgaaaag tctagcttca gtttcttttt tttttgcttt 240
 tttggtttcc gcgattaatc gatttgggta ttttgatttt ctcttcaaata taagtcaacg 300
 ggtggatacg cgttganagg gcttttctcg tattctgcnt ctaatttcat catcttgagg 360
 ntaccttggt tgggtgggtan cttaatcgan ggattcgang atccnnttta acaggggggt 420
 taacaatgat ggantttctc tgantaaggg ataagttcga 460

<210> 6147
 <211> 426
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-E11
 <400> 6147

acgcgtccgg aaacaataac aataagaaga cgaatggcgt cttcgctggt ctcagtcaca 60
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 caaaaccgnt ctgcagagt ttctttccgt ctctctgcta agcccaagct tcgctttctc 180
 tccaagccta gtcgcagtag ctaccctgtg gtgaaagcac aatctaaca ggtagtact 240

ggtgcatcat caaatgctgc caaagttgat gggccatcat cagctgaagg aaaggagaaa 300
aactcattga aggagtcgtc tgcttcttct cctgaattaa ctacagaana gtctatttct 360
gagttccctt acccaagttn ncanntcttg tcnngcttgt ggggttcaag gangacattg 420
tttgggt 426

<210> 6148
<211> 475
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-E4
<400> 6148

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tgtagaatcc gtcgaccaa caactagctc caatggcata atgagcattg tagtttgcaa 120
tttcttcttc cgtgaagaag aagaagatgg ctttggagaa agaggaagaa gcgtcacaaa 180
acggtgctgt ttgtgtcctt gatgggctct attgagagga agaaaccggg tttgtggagg 240
acgatcttga tgacgatgga gatttagatt ttctcgagaa atctgatgag agtggtgtaa 300
agtttcagtt ttacctctt ttggatatgt tcttatggga tgacgatgag attctgagtt 360
tgatttcaaa ggaaaacgaa acgaatcctt gttttggggg aacanacctt agatggcttt 420
ttgggtttct tgtaggaaag aagctttagg attggggtct tagggttaaa tcnca 475

<210> 6149
<211> 492
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-E6
<400> 6149

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accaataaca ataagaagac gaatggcgtc ttctgcgttc tcagtcacat ctccagctgc 120
tgctgcttcc gtctatgcag tcaactcaaac ctctcgcac ttcccaatcc aaaaccgctc 180
tcgcagagtt tctttccgct tctctgctaa gcccaagctt cgctttctct ccaagcctag 240

tcgcagtagc taccctgtgg tgaaagcaca atctaacaag gttagtactg gtgcatcatc 300
 aaatgctgcc aaagttgatg ggccatcatc agctgaagga aaggagaaaa actcattgaa 360
 ggagtcgtct gcttcttctc ctgaattagc tacaagaaga gtctatttct gagttcctta 420
 accaagtaac anctcttgtc aaagcttggg ggantcaaag agacattggt gaggttgcaa 480
 tttggaaana ac 492

<210> 6150
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-E7

<400> 6150

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 ctctccatc ggcatcaact atggncaggt cgctaacaac cttctcccc ctaaaaacgt 180
 catccctctc ctcaagtctg tgggagctac aaaagtcaag ctctatgacg ccgatccaca 240
 agccctacgt gccttcgccg gctccggctt cgagctcacn gtggccctcg gtaacgagta 300
 cctggctcag atgagcgacc ctattaaagc ncaaggctgg gtgaaggaga acgtccaagc 360
 ttacctccca aacaccagga tcgtggccat cgtantggga aacgaagtcn tcanctcang 420
 tnanntcaan cntcangaa tcccncttc ccggctaggc aagagcantc a 471

<210> 6151
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-F1

<400> 6151

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 aaagattaaa gtagcggaag agaaagttcc taaacatgtt cgagagaagc aagagactct 180

tgcgcggtgg aaaaaaaaaa nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngattaggca 300
 gaagagaaag atcaggaaaaa tggagaagaa gcaagaaggc ctgattctaa cagcaaagca 360
 aaagcgtgat gctgctaaga atgaggcttt cagaaaaagg gtgttgactg atgctggaag 420
 tcttcttggt gcagataaaa acggtgattc ctcaaaaacg tcccatatat nggaattaaa 480
 a 481

<210> 6152
 <211> 430
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-F6

<400> 6152
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 gcgacttggg ctttgatcca ttcccagtga atctcactgc tttctcaca gaaaaaatc 120
 actccttttt cctggatttt gttttctcga ctgatttggg gaaaagctat ggtggtctga 180
 ttaatctctg tctgtctttg gtgagatggg tttggatgct gttaaagcta aagggaattg 240
 gaaatcnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngtgggttgct gggtaaatt 360
 taggtttatg attggttgca tacctcaaaa tcagaccttg atgcgtcttc ttccttctaa 420
 ccatgggctc 430

<210> 6153
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-B4

<400> 6153
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 tcangtatcg ccggccgatt caataatttc gctttactct gccaaaaaag tttgttcttt 120

tgttttctgg gattatccaa agagaagaaa cagaggaaat caatctcttt tttagtttca 180
 gaccctaaat cctaggtttt gaagttttgt ttcttttagta attttgtcag gttttgtgtc 240
 tgggtgttggg atttttcgga gcttggtttc ttgaaccagc tccattttct aaaaattcct 300
 tctttanatc cccattgttg tnantcttaa agaaaaanga agnatgactt gttgtttctc 360
 ttgtttgaat cctcgaacca agcgacataa ggagtccgac attgataacg nccngangca 420
 acctcgttan caaaacnctn taatcaatnc aatggaagtt 460

<210> 6154
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-F5
 <400> 6154

ttactcgccc gttcngtaca nagtcagcaa attcccgggc cgacccacgc gtccaaagaa 60
 ctaagagctt tactacagtc ctactctcta cacatcttct ctctctctca agagctagtc 120
 atggccaaac tcataacttc ttttctctta ctacaattt tattcncttt cgtttgtctc 180
 actatgtcaa aagaagctga gtaccatcca gaaagttagt gaccaggang tctganatca 240
 taccaatgtg gaggacaatg cacaaggaga tgtagcaaca caaagtatca taagccatgc 300
 atgttcttct gccaaaagtg ttgtgctaaa tgcctttgtg tccctccagg cacgtacggc 360
 gacanacang tgtgtccttg tntacaacna ctnggaagac tcaacaaggg tggtcnaa 418

<210> 6155
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-G10
 <400> 6155

gtaccagtca naaattcccg ggncgacca cgcgtccnaa caacaaaaag gagataaaga 60
 gaagaggatt catcatcatc aatcaatcct tcattttatg gatctactca tatcttgatt 120
 cttecttcta tctctccctt ttcttccatc tctttttctc tgggtttccc cggattgagt 180

tttttaatct ctgattgaca gatttgaaga gcgtgacaaa ggaagaatct tttattaaaa 240
 caaattcttc tgttttaatc ttgggatggc ctcggtgggc atagagccta gtgccgcggt 300
 tagagaatct actggaaacg ttactgatgc tgatagatta cccgaggaga tgaaggacat 360
 gaaaattcaa gatgataaag aaaatggaag ctacgattgt taatggcatg tgactgagac 420
 tggccatata atagtaacta ctataggagg aagaaatggg caaccaaacc a 471

<210> 6156
 <211> 447
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-G8

<400> 6156
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 aacatattct ctgctgggta ttagattcga atttctcttt ttgtgatcag aaatggatcg 120
 agctccggtg accacaggac cgttggatat gccgattatg cagcacagtg atcgatatga 180
 cttcgttaag gatattgggtt ctggtaattt cgggtgttgct cgtcttatga gagataaaact 240
 cactaaagag cttgttgctg tcaagtacat cgagagagga gacaagattg atgaaaatgt 300
 tcaaagggag atcattaacc acaggtcact aaggcactct aatattgtca gatttaaaga 360
 ggtcattttg acgccgactc atctggctat cataatggaa tatgcttctg gcggtgaact 420
 ttacgagcgg atttgcaatg cangacg 447

<210> 6157
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H2

<400> 6157
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 attgcaattt ttctaaatcc ggcgattaaa tatgggtttc atagtcggcg ttgtaatcgg 120
 actcctcgtc ggaatcgcaa tcatcatcgg ctttgtcaag ttggagaatt ctcgatccaa 180

gcttcgctct gaacttgcca atacggtggc tgcttttgcg aggatgacgg tggaggattc 240
 caggaagctt ttgcctcctg agttttatcc ttctggggtt gtcttctccn agcgtcanaa 300
 gttgacttgg ctcaaccatc acttgacana gatctggcct tatgttgatg angcagcctc 360
 tgagcttata aaggcatccg tggagcctgt tcttgagcaa tatagacctg ccattgtggc 420
 ctccttanca ttttctaagc ttactctcng tacagtggca cctcaattta caggg 475

<210> 6158
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H3

<400> 6158
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 ctctgttgat tagtcaacac agatcagaat ctgaggcttt ggccgagacg agagaagcag 120
 aagaagaaaa tggcggagac tgtacattct ccgatcgta cttacgcacg gatgttatcg 180
 cttctgcct tctgtccacc tttcgtcatt ctctatggt acacaatggt tcatcaggat 240
 ggttctgtta ctacagacctt tggcttcttt tgggagaatg gagttcangg acttatcaac 300
 atatggccaa gaccactttt gattgcttgg aaaattatat ttgctatgg agcatttgaa 360
 gctattcttc agctgcttct gcctgggtaa angagttgag ggtccaatat ctccagccgg 420
 aaaccgacca gtttacaagg gcaatgggtc tggctgctta ctttgtgaca c 471

<210> 6159
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H5

<400> 6159
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 ctcttgtttt attcctccaa cttttttcca tctaccatt agcacttggg ttgaaccacc 120
 caaattgtga cctgaccaag actcaagacc aaggctctac cctaagaatc ttccacatag 180

acagcccttg ctcccccttc aaatcatcat cccactctc atgggaagcg cgtgtgctcc 240
 agacgctggc tcaagaccag gcccgctctcc agtacctgag cagcctcgtc gccgggagat 300
 ctgtagtctc cattgcctca gggcgctcaaa tgttgcaaag cactacatac attgtcaagg 360
 ctttgatcgg tactccgggt cagccgctgc tcctagccat ggacacgagc agtgacgtgg 420
 cttggattcc ttgctcggc tgcgttggtg tccttctaac acggcct 467

<210> 6160
 <211> 475
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H6
 <400> 6160

ttaattcccg cggcaggtaa aggtcannaa ttcccgggcc gaccacgcg tccnccacg 60
 cgtccgaaaa aaatgagtca acacaacatc ttagaagctc taaatgtccg ggtcgtgggt 120
 acgggtgatc ggatcctggt tttggcccat ggattcggta ctgaccaatc agcttggcac 180
 ttgatccttc cttacttcac tcaaaactac agagtcgtcc tctatgacct agtttgcgcc 240
 ggcagtgtca accccgatta cttcgatttc aatcgttaca caactctcga tccttacgtc 300
 gatgatcttc tcaacatcgt tgattcactc ggaatccaaa actgtgctta cgttggtcac 360
 tctgtttccg ctatgatcgg aatcatcgct tcgattcgtc ggccgngct tttctccaag 420
 cttatcttga tcggattttc gcctangttt ctcaacgacg angattatca tggag 475

<210> 6161
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-H7
 <400> 6161

acgcgtccgg caagacacat anacgtaat ccattttctc tcaactttag gaatctcaaa 60
 tctccgattt ggaaatccgg cgacaatggg gagagatatt gaagatgaga ttngagacga 120
 gaagaatcct cgctctcttg atgaagatga tategctctc ctcaagactt atggggttagg 180

gcctcatagc cttecgcttta cttatcctag cctgctctta ctggcgcttg tcaacctccg 300
 gtgatgactc cggcgaaaga gtcgacgagg aaaaagagag tcggtctgga gtgaaggcgg 360
 ctagcgcggc gtgcgaggag aagggttcttg tcataatggc cggagatgac ttgccgaggt 420
 ttctggccac gccggcgggc aac 443

<210> 6164
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-A11
 <400> 6164

cacgcgtccg cccangcgtc cgcccacgcg tccgcccacg cgtccggcga agcaatggaa 60
 tcaatgacgc caatctcgtg ccctacgact cctcgttgga accaagacag accntttctc 120
 actggtcgen tccatcagga aacgagggca agctccaagt ttgctgattc taagagggtt 180
 acttttagact cgtctagttc tggagtagag caggcaattg gctgctatga cacaccggtt 240
 caggagctta tcgtcattga tgatctctta tctgcgttgg ttggaattga agggagatat 300
 atttcaatta aaagattcca tgggaaggag gatantatag ctttccaagt tgatccatca 360
 atggatttgg nantacagga attggcganc annatatttc ctttatgtga ataattanc 419

<210> 6165
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-A8
 <400> 6165

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 tcctctttct cagctcaatt tccaaaagct ccgaccttta cgatcctcta gattctcggc 120
 gccggtttct cggagtaa ataatggctcag ttcacgggtc gggtcggttg agactacttg 180
 gtgggtcgtc aaatcgggtc gggttcgttc tctgttgttt gggaagcgag gcaccgcgtt 240
 gacgggtactg aggttgctat caaagagatc gccatggaca ggcttaacaa gaagctgcan 300

ccacggagtc cgacccgaac tcatgactcg gttagagcag gaggctattg gcttcttcgg 360
 cttgcctcag tctcttaaaa accggggccgg tccanctgaa ccgtacggtt 410

<210> 6168
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-013-Q1-E1-F4
 <400> 6168

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 ctccgttccc gagacaagca aaagcttcaa tctcaaatct ttcagcagct acaaaaatgt 120
 tcttcatcta nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn ncgtcatcag ttgcggcgaa gttcgctttc ttcccgccga gtccgtcgtc 240
 ttacaagctg gtttacgatg aactgaccgg acttcttctg atgaacccat ttcctcaccg 300
 tgaaaacggt gaaatcctta agcttccgac acgtagagga acagagatcg tggctatgta 360
 cgtcagacat ccgatggcta cctctactct gctttattcc catggaaacg ccgccgatct 420
 ggggcccaaga tgtntgagct cttcatcgg 449

<210> 6169
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-F4
 <400> 6169

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 aaagggtcaag gatctgggtc tgattcagat gatgaacaag ggcaaaagag taaatcgaaa 120
 tcggatgatg agattcttaa ttacggattg accattgctt cgnaagggca agagaatgta 180
 ttacttgtgc ttgatcaggt tttacgagac tacagttggt tcacagagca gagaatgtct 240
 gaaaaagcca aggagactgg agaanagggt ctgggaaatt cagtgggtggc ggacacttcg 300
 ccggaggagc ttaaggggtga gagaaaggat gttgtggaag gtcaatgtgc ggcgtattgg 360

acaacacttg caccgaatgt cgaggattan actcacagta ctgctaaaat gatagcttcc 420
gggtcangta agctgatcag aggggatact gtgggtgttng gattaactg 469

<210> 6170
<211> 460
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-F6

<400> 6170

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atcgagtaca aaccgcaagt gaaacagagt aacagagacg cgctcgtcttc aacgatgctc 120
tcaacggtga cggcgacggc ggttttctga ccgattctga aggnngaagt tacaatcaaa 180
aggacgttta aagtgcggc ggagaagttt ccgacgtttc tgccgaccga tgctcgagaaa 240
attaaagaca cgtttgctct aaagctcgcc gccagaatag agaggcttcc tgtatctgtg 300
agcttcaggg aagatagtat tatgagcagt tgcgtgacac cgctgatgcg gaacgagaca 360
actcctgttg tgctttcttca cggatttgat agttcttgtt tanagtggcg atacacttat 420
cccgttgctt gaagaanccg gtttagaaac atgggnattt 460

<210> 6171
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-F7

<400> 6171

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tgtcttctag aaatgtggac acgactaagt acaagttgtt gaatccaagt gatgacagat 180
tccttagaga cacaatcttg tccttcatgt tagctgggtan agacacanca ggctcancgc 240
tcacttggtt cttctggctt ctatgcanta accaagaagc catgancaag attcgtcaag 300
aaatcancac aaatctatct ccaaganaca agaccgacga cggttctgtt tcntatgant 360

ctgantcatt caatcccca gaggtanaga aattggtgta ttacacggc gcggtttgtg 420
aangcctcan gctctagtcc agctgttccc gnta 454

<210> 6172
<211> 482
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-F8
<400> 6172

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tgccacttgc atgtctggga actccacttc caggaggatt tncactactg aggagcacc 180
tgagaagaaa aacactgttg ggtctaaagg gcatgatatg cttgcacctt ttactgctgg 240
atggcagagt gctgatttag atcccttggg cattgcaaag tctgaggga gttatgtgta 300
tgatgatact gggaaaaaat atcttgactc tctcgctggg ttatggtgta ctgccttagg 360
aggaaatgag ccaaggcttg tttctgccgc tgttgaacag ttgaacacct tgccgtttta 420
tcactccttt tggaaccgta ctactaaacc ttctctggat cttgcaaagt tcttttagag 480
aa 482

<210> 6173
<211> 426
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-G1
<400> 6173

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ttgccttttg gcaactctctg caacatctga agcagtaaca gaggctgagc caggtttgat 120
gangaacttc tacaaggaca cgtgtectca ggccgaagac atcgtccgtg aacaagtcaa 180
actcctctac aaacgccaca agaacaccgc tttctcttgg ctccgtaaca tcttccatga 240
ctgcgccggt gagtcatgtg atgcgtcgcn tttgcctggg attcgacaag aagagagcta 300

ggagagaaag aacacgacag gagcttcgga cttagaaact taagtacatc nagganattn 360
 aggaagctct ccnaaaagga atgtcctggt gttgtcncag gttcgnaatt ccctccttgt 420
 ccccan 426

<210> 6174
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-G3
 <400> 6174

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 gaagacagca aaggcttttg ttaccgagct caagaaaatg tctaaggagg ttgaagacag 180
 tgaacttgca gatgttgcat ctgttactgc gggtaacaac gacganattg gaaatatgat 240
 tgctgaagca atganccana gtgggcagga aangtgtggt gacccttgag gaaggttaaa 300
 antgccnaan aacnacctct acgtccctag aagggaatgc aattttgacc cgtnggttaa 360
 taaccnctcc ctaacntttg ttgaccanac cagncganga aaaaattgtc ccgttcnaag 420
 tttcnancaa atttgccaaa gtttaccttc cncgtttggn caangaaaaa tttacccaaa 480
 ttncaaaggg gaattctt 498

<210> 6175
 <211> 461
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-H4
 <400> 6175

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 gaccttgagc atgntggagg ttccattgaa cgtgtgcttg atttcacctt aggatggcat 180
 ttggctccaa caacttatgg ngattatcca caatcgatga aggatcgtgt cgggtcataga 240

ttgccaaaat tcacagaagc tgagaagaag ttgctaaagg gttctacaga ttacgtaggg 300
aatgaattac tataccttca gtgtttgcaa aaagaaaatt agccctgatc ctaagantcc 360
cgagtttggn ccnactgatt cctcttggtt gaatggggat aaccaagagt gttggatggg 420
gtaccaaaaat tngggnaaca aggccgttta aanggggaaa a 461

<210> 6176
<211> 456
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-012-Q1-E1-A2
<400> 6176

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ttcctctatt tcgtgctcaa ttcgcttggt ctccagttcc actctatcag tgccggcggc 120
gatattgtcc gaggataaaa catgtttgct ctttccaagg ttttgcgag aagtcagagt 180
ctccgcctag gagcttgcaa tgctgtctac tctaagctag atataccatt gggagaaaga 240
aacattgcta ttgaatcaaa cgctttgatt catgataaac acgaagcttt gcctagattt 300
tatgagctct cttggtcttc ctctaccggg aagacgttca ctttcctcgg acgctggagc 360
taaaactaac cggagatgac gatgacctcc gaaagacaag aatgtaanct tgcaactcca 420
gacgagaact agtagtgata agtgaagaag gtgang 456

<210> 6177
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-012-Q1-E1-A3
<400> 6177

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gtaagtatca aaaaaacaga attttgtctt cgttcttctc tgagattaaa gctttctctt 120
ttgtaatgga agaatctcag ggcatcaatg gcgtcgatga ttcagatcgt catctcccaa 180
ttctctactt aaccttttta acgatctggt ctttctccgc ttgttcttgg acggttaaca 240

ctttcaaaaa tcgccacttt cagacaaata gtttacaatg gactcttgct tcagttccat 300
 taatcaaagc cttacagctc acactatctt tcctcttttg gcattcatgt tttcaccatc 360
 acatttgctc tctatggatg tcttttgggtg tatatgtgac tgggtgttctg tttcagacag 420
 ctcatttggtg tcnttttacc tanctctcaa gggttattgg atcactgtga acgggtcc 478

<210> 6178
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-A6
 <400> 6178

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 catcatcata atcctttgca tgcgattcgg cttttagcgg cggatgatgt acattgagtt 120
 agtaccact tgcctctctt cttctctttt attgcaattt tcgacctaac ccaagtgttc 180
 gaagctcgtg gcatttcctc actcgaagtt tgaatttggg tttgtgatgg gatctaaaca 240
 agtatcaaag actagaaatg gtggatttag caagttaaag actgttgagt cctctgcac 300
 ttcaacaacc tcgtcttcaa aactttatca agaggcgtct gtagatagcc atagctcccc 360
 tactttctca tcggttcgaa gcaagcctca gttaccanct aagcctttgc agtccanaga 420
 aaatgtcact gtcactgtgc gttttcgtcc actcagtcca agggaaatcc ggaaang 477

<210> 6179
 <211> 473
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-A7
 <400> 6179

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 ctctctctct cctcgccagc ttctgcaatt cgaaagtctt tcgcatcatc ttgtgtcac 120
 cactctctcg cgaatcgaat cagcattent caatcttctt cttctctatt gcgatctctc 180
 tgaattttgt agcttcacga tttcagtatc tctactttca tcaccaatcg ttgggggttt 240

agggtttttg catcgacgcc atctatcgag ctacggagaa gcatactcat cttctatttt 300
 ggctaaatcc gaggtcaact taatctctac gaaatagntt ttgaagtgna tgattccgat 360
 ggataattat tgcgtaccga ggtactagca cgaccgggtt agtgttttcg gcgacttcga 420
 gcatgaatgc ttcntctgga ttcaccttac tgtaattctc cgacttcggt aat 473

<210> 6180
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-B10
 <400> 6180

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 ctaatcatgg gttttatcga tggaaagtgg gcaccaatga tagtcttaat tgtttctaac 180
 atgattgcgg gaatgggttaa tgcttttagtt aagaaagttc ttgatggagg catcaatcat 240
 atgggtattg ctacttatcg tttgggtata tctactcttt tccttcttcc agtcgcttat 300
 ttttggaac ggnaaacang accaangcta actctaagca tctcatgtca gcttttcgctc 360
 agtgcccttt ttggggcgag cttgatgcaa tatttctact tgcttggaact gtcnacacg 420
 tctg 424

<210> 6181
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-012-Q1-E1-B2
 <400> 6181

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 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngtacacgt 120
 taccgtcgga tgggtctgcc tccgggaagc cttggtctcc ctctgatagg agagactttt 180
 cagctgatcg gagcttacia aacagagaac cctgagcctt tcatcgacga gagagtagcc 240

cggtacgggtt cggttttcat gacgcatctt tttggtgaac cgacgatttt ctcagctgac 300
 ccggaaacga accggtttgt tcttcagaac gaagggaagc tttttgagtg ttcttatacct 360
 gctccatttg taaccttttg gggaaacact ctctgcttct taagaaangt ctttgcataa 420
 acgtatgcaa ctctctcaac aatgagcttt gccaaatcct caatcaatta aagaacatct 480
 caagccn 487

<210> 6182
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-F3

<400> 6182

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 gatggcgaag aggatccacc tgacggaact aggctgcac gcgtgtgagg aacttactga 120
 gctcgggtgcg ggtaaagaag gatggctcgt gaacaatcca aaccttttga gtgcacttga 180
 ttctcactct ttagccctag ccaatcgatt tctcatattg attgtgaatt ggggtgatcc 240
 tgatgcgcct cgtgtcaaga tcagacctga tctgtctccg attgaggctg agtcgattac 300
 ggcgatcgag tggtagtgt ttgatgatgt cagagtcgtc gttgcgggga cttcttgtgg 360
 atatctcttg gtttactctg ttaccggtga tctgatccat aagcagattg tacatcaaag 420
 ccgtatatta aaaataagag ttcgaggaac taagaaagat ttgatgcaag agacatcctc 480
 tgangga 487

<210> 6183
 <211> 489
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-H4

<400> 6183

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 cttcaacggg aactcaaaaa tcagaatctc cagatcgaga gcttaaaaag tcgatttcaa 120

ttccccttta agattttttg cttttggaat gtagtgtgaa gaagaaaccc tagttttttc 180
tcacttgaat tctctgcctt ctttagtaat gtcaagtgag cagcgagaag gttcgcaaga 240
gacgacgacg acgacggtgg aaggtaacgg aacaattgca ggtcagaatt ctcatcggc 300
ggctcccacg acattgagag ctacctctac gatgggtttct tgccaagaga ctaaggntaa 360
accctaacaa cgagcataga cccgatagtt atgaagatct gcaacttgat ttcccaaact 420
cggataaatc nagtcctggg agaaatactt gcctccgaat atgctccgtc tcgaatcgtg 480
atgagaaaa 489

<210> 6184
<211> 430
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-H8

<400> 6184
acgcgctccg aaagagagg ctctgataaa aaaaaaaca aaaaaaatg acaaaggctt 60
attcaacacg tgtctcacg tttctgatat tgatctcgct aatggcggtg aactgaacc 120
ttttccac ggtagaggca aagaagcgga gtagagatgc tcctatagtg aaaggtctct 180
catggaactt ttaccagaaa gcatgtccga aagtcgaaaa catcatcaga aaagagctca 240
agaaagtctt caagcgagat attggtttag ccgctgccat ccttcgtata catttccatg 300
attgcttcgt tcagggatgt gaagcatcag tgctgctaac tggatnagcc agtggaccaa 360
gagaacaatc atcaatccca aatctgacac tacgacaaca aagcctttgt ccgtcattaa 420
taancttcgt 430

<210> 6185
<211> 457
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB23-010-Q1-E2-H9
<400> 6185

acgcgctccgc ggtgagctat ttgagcgtat atgtagcgct ggaagattca gtgaggatga 60

ggcaagatac tttttccagc agcttatctc aggagtcagc tattgtcatg ctatgcaaat 120
 atgccacaga gatctgaagc ttgaaaatac cctcttagat ggaagtectg ctccacgcct 180
 gaagatctgt gattttgggtt attccaagtc ctactgttg cactctatgc ccaaatacaac 240
 tgttggaact ccagcatata ttgcacctga ggttctttct cgcggagagt atgatggcaa 300
 gatggctgat gtatgggtctt gtggtgtgac tctttatgtc atgctgggtg gagcataccc 360
 attgaagac caagaggatc ccaaaaactt caaaaaaaca atacaaagaa taatggctgt 420
 caagtacaag atcccggact atgtcatatc tcacaag 457

<210> 6186
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-A3
 <400> 6186

ttcnagggtc gacgcacgcg tccanttcca acggattcat cggtcgccac catagcttct 60
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 gggcttttgc catagccgcg gccggaatca ctacgggttc catcgccgag cgaacgcaat 180
 tcgttgctta ccttatctac tctactttct tgaccgggtt tgtttaccgc acagtctcgc 240
 actggttctg gtcaagtgat ggatgggcta gcgcgtcccg gtctgacaac aatctcttgt 300
 ttggctcagg tgctattgat ttcgcagggt caggagttgt tcacatggta ngtggaattg 360
 ccggtttatg tggagcgcta gttgaaggac caagaatagg taattttacc ggtcangccn 420
 gtccgtggct ttacgtggtc acagtgcatt cccttg 456

<210> 6187
 <211> 446
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-A4
 <400> 6187

cgcgccnat ggcttctcac tcgtcgactc tctctcttc tctactttc gtcctttct 60

cctctcatcg tcttcattat tctcccaatc cctctactct cagattctcc cgtccannca 120
gaaataaacc taatctcgcc ttgcgatggt cagtctcaat tgagaaagaa gttccccgaaa 180
ctgaacgacc ctttactttc cttagggatt ctgatgacgt cactccatct tcttcttctt 240
ccgtcagggc tcgtttcgag actatgatta gggctgctca agacagtgtt tgtgatgcaa 300
ttgaagctat agaaggcggc cctaagttta aagaagatgt ttggtcgcga cctgggtggt 360
ggcgggtggaa tcagtcgtgt gttgcaggac gggaatgtct ttgagaaagc tgggggttaa 420
tgncnctgtg ggtttaaggg ggntaa 446

<210> 6188
<211> 487
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-B4
<400> 6188

tacgcttncc gtgccccgtc atangattaa ngggncgacg cacgcgtccn accacngtc 60
cgcccacgcg tccgctctgg ctccgaggac cagtcatcat gaaagggttat gtgggaaacg 120
agaaagcgag tgcggagaca gtagacaaag aagggtggtt aaagactggt gatctctgtt 180
attttgattc ggaagatttt ctatatattg ttgatcggtt aaaggagcta atcaaataca 240
aggcttatca ggttccaccg gtagagttgg agcagattct tcactcgaat ccagatgtga 300
ttgatgctgc agttgttccg ttccctgacg aggatgcang agagattcca atggctttca 360
taagtgagaa aaccaggaag caatctcaac gaagcgcaaa tcattgattt cgtanctaaa 420
caagttactc cgtacaanaa nggtaagacg agttgctttt ataatgcaat cccaaaaaat 480
cctgctg 487

<210> 6189
<211> 437
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-B6
<400> 6189

acgcntggga aaanatnatg gaacgcaatg ctagggaaat gtggtttctc actggcgttt 120
attcttctct ttagtgaccg aagttgcatt gtggnrtggcc gctttaactt gagatatctt 180
ccgagttcac aaatcattac aagtttggtg caaaacttta tcagctggat tcggtatant 240
aaaacaggag atgactcttc ttcactgcta agacgctcca cggaacttag tcttaggttg 300
attcggaatg gacaatctga tgctgttgag cgaatccttg tggttgtgga ggcaagttta 360
cgtggggaga aaacatttgg atgttctcaa gatactagtg gagattgggtg tcntcttcaa 420
catctccgtg gttgttgcct tcntgatcaa gtacaacgtg ggtgcaagtg gnata 475

<210> 6192
<211> 489
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-C8
<400> 6192

aaacttcccc gcgggncggt naaggtcnnn aaattcccgg ggccgaccca cncgtccaac 60
cannnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnag aaanaaacia 180
attgcacacc ggtggtctca gtagacagag ttttcctaaa ggattcgtgt ttggaaccgc 240
cacgtcagct tatcaagtcg aaggcgagac tcatcaagac ggtcgtggcc caagcatttg 300
ggatgccttc gtcaagattc ctgggaagat cgccaagaat gccacggctg agataacagt 360
ggaccagtat caccgttaca aggaagatgt ggatttgatg aataaactga acttcgatgc 420
ttacanattt tccanttcan ggtccagnga tattccctga agggaagtgg taaagtccac 480
tggnaaagga 489

<210> 6193
<211> 463
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-D2
<400> 6193

gtcaaaacat tanaaggggtc gacgcncgcg tccgaggttg aaagagcttt agttccgtac 60
 aaatggcgag taagaagggtt gacggagaag gaaaagggaa agctatagcg aatacgagga 120
 tgcttcgaag catggatcga aagactcgan gcgatactaa gcgagatggt tcttcttcta 180
 agctcatgaa gatcgaatct ccggagaaga agaaacggaa gacgacgaaa gcgaagaatg 240
 ttggagctgc gaagaagaag gtaaanaaag aagaggtagc tgtgaaaatc gagaaagang 300
 aggaggaaga tgatgatgct gcagagaaaag aagaanatga cgactccgat aagaacaaga 360
 ttgtgatcga gcattgcaag acaatgcaaa tcnttcaagg anaggggctt atgaggtgaa 420
 ngaacgtcta gacggaagct tttcctggca tcattggtca ctg 463

<210> 6194
 <211> 474
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-E6

<400> 6194

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 acattgtgac cattctaaaa ccctaaaatt taaagaaaaa ataaataaat agcctttttg 120
 accaaaaaac ccaatctatg gttttgccc ctatctcttc ctctctctc ctatatatat 180
 gtcttatgat gagcacacat catcatcatt cacatacata agccaaatgg gtgtgtggtg 240
 gatagtgtg gtggtggctg tcttgactca cacggcgtct gccgccgtga gagaatatca 300
 ttgggaggtg gagtacaagt attggctgcc ggactgcaaa gagggcgccg ttatgaccgt 360
 caacggcgag tttcctgggtc ccaccataaa agccttcgcc ggagacacca tcgtcgtcaa 420
 tctaccaaac aaactcacca ccgaagngcc ttgtcatcca ntggcatgga aatc 474

<210> 6195
 <211> 453
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-011-Q1-E1-F2

<400> 6195

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aggagacgat cttacgcgac gaatccttga gagattgaga gggacaagcg agttttgacc 120
caaggattgt tgacgggtcta tattgaacaa gtaaacaaagg atgcgtaagt ggatctgttg 180
tacatgtcaa atagaanact caaatgaacg agcaacaact gaaaagttca cagcagcaat 240
ctgatgcaaa tcataagaat tcaaaaccag cacctgttgc aaaacatgag gttaagaagg 300
aagctcttcc cancgagggtc cctcccttgn ctttgganga ngtnaggna aacgactgaa 360
aattttggat ccaangnact gattgggtgga aanggtccta aggggaagagt atattatgcn 420
acacntaatg atgggtgtgg cggggtgccn gaa 453

<210> 6196
<211> 482
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-H2
<400> 6196

cgtccganat tcaaggggtcg acccacgcgt ccgcttacat tctccctcta tttttttttt 60
ctctctctcc acaagaaacg ccgtcggttca ttaaaaatga tggcggtggg cagatccgga 120
ggcaccatcc tattgttctg cctatcattc ttgcgcgcg taaccgcgga gagtccatac 180
cgattctttg actggaatgt aacatacggc gacatttacc cactcgggtg tcgtcagcag 240
ggaatattga ttaatgggca atttccggga ccagacattc acagtgtgac aaacgacaat 300
ctcatcatta acgtacacaa cagcttagac gagcctttct taatctcatg gaacggagta 360
caaaacagaa gaaattctat gttgatggaa tgtacgggna ccacgtgtcc aatttcaacc 420
gagaagcaac tacacataca ntttgcaagt gaaaagacca aattggaagt tccaatactt 480
cc 482

<210> 6197
<211> 461
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-E7

<400> 6197
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 ttctggattt tgtttctctc tagtctattc cttcaaaacc aagaacccaa ctttgtttta 120
 tattcaaaag ttgtttgctt tcatcgcggt tgggtgttcat cttcatctgg tttgagatta 180
 taataacatg gaaggaatca ttgtgagaag agttatacca tctgataaca gttgtctctt 240
 caatgcaatc gggttatgtca tggacaagga caaaaacaaa gctcctgagc tcagacaggt 300
 gatagcagca gcagttgcaa gcaacaagga gaaatataat gaagcatttc tagggaagct 360
 caatgaagaa tattgtgctt ggattctcaa tccaagacaa gtggggaagg tgcgattgaa 420
 nctttccgat attaagcaag aataataatg ggccgagaaa a 461

<210> 6198
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-E8

<400> 6198
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 attgattcga gttctttctt cttgaatctt gttcttcata gatctagttt ttgtttttta 120
 ctctctagat ctatagatct gttgaattca cttctttaat ccattctctgt gttcttgagt 180
 tcctatggtc taagtcaaac tcaagttcaa gatctgttga atttggaatc ttgctgggtga 240
 agttagagat gaattatttc ccagatgaag taatagagca tgtattcgac tttgtaacat 300
 ctcacaaaga caggaatgct atatctcttg tatgcaaac atggtacaag attgaaagat 360
 acagtaggca aaaggtttca atgggaaact gtaagccaat naatccagag aagggtggctc 420
 cgaaaaatccc aagggtcnaaa gtcttgacnt tgaaaggaaa acccaatttg cggatttca 479

<210> 6199
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB23-010-Q1-E2-F1

<400> 6199

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 cctccgcctc tcccaccagc gtcgcccgcg ctaatcttct cccgaacgtt cctttcgctt 180
 cctttcccg ttccgataag ctcgccgtg tagctgattg gactcgcaat ctctctaatac 240
 catccgctcg tctaacacc ggatccaaat cagatccgtc tgcagttttc gatttctcctg 300
 ctttcgcaat cgacgaaggc ttcgggtctcg ctctctccgg tggtaatccc gacgaagacg 360
 cagctttccg tctcgtcgac ggtaaacctc cgccgcgtcc taaattcgga cctaaatggc 420
 gtttcaatcc tcaacaacaa tcgggatcaa gcttctc 457

<210> 6200
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-F12

<400> 6200

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 tgaatacatt acaaggggta tttttgtctg aatggaaact actcaaaaag atgagctttc 120
 gagctttctta agtggttctc ctctgtgga tttctgttgt gtttatgggt caacattgca 180
 cccaaataac caagataagt ctaagatggg ggactatata cttggagtct ctgatactat 240
 aaaatggcat tctgcgaatc tgaaaatgaa ttcagatcac tatgcttcat ggatgggttca 300
 ccttgggtgga gctaggctga ttacaaatgt tgccgataaa gtaggagttg gagttcactt 360
 caatccgttt gtcaactgga acgacaggaa gctcaagtat ggagttgttc ggatgcatga 420
 cctagtacag gacatactgg gactggaaga ngttctact 459

<210> 6201
 <211> 506
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-F3

<400> 6201

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ccacgcgtcc ggttctacgc aactccataa tttcaattcc tctcgacgtt tcacggcgaa 120
gcttcagatc tacttttccc cagctcagta tggagacggt tgattctcgg aacaaattgc 180
attcccgggt acgtttatgg gaattccccg atcagtacat catcgagcca gctgatggct 240
caggctcttc atgtttggat attagtcgtg ttgatgcttc catgaagctc atcgatcaag 300
tcccagaaag caattccgtg cgtgtcccta aaatccgttc catttttggg gtggttggga 360
tgttgaagct ccttgcagga tcatacttgg tgggttgaac tgagagtga cgtgttggat 420
cgtttctggg gcacacctata ttcaaagtta caacgcttaa ggttcttcct tgtgatcatt 480
cacttaaaaa ctcgcctgaa agaaca 506

<210> 6202
<211> 461
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-F9
<400> 6202

acgcgtccgg aantggtcac tactgtccct tcctctcttt tgcggtaaa tggagttacc 60
cgtcgtagat ctgtctagtt acctcgactt ctccggtgat ganttaggat ccgatctact 120
cgaatcatgc cgacaagtga gtcggatcct aaaanaaacc ggagctctca ttgttaaaga 180
tcctcnatgt tgccgcnaag acaacgatcg antcattgat atgatggaaa attatttcga 240
aaaacctgat gatttcaaac gattgcaaca aagacctaat cttcactatc aggttgggtgc 300
gacgccggag ggagttgaan tgccgaggag tttggttgat naagagatgc aagatnagtt 360
caatacaatg cctaataaat acaaaccaca tattccgaaa ggaccaagat cataagtgga 420
gatatatgtg gaaaattngt cccaaggcca tctaacacac n 461

<210> 6203
<211> 484
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-G1

<400> 6203

ctagccgtcc gaaattccaa ggctcgcaac gtagatcctg gagaagccaa aggcacgtg 60
agcaaaatcc gcagttttct acattaatgg attgtttctg ttctagagct tctcttccgt 120
ctctgtgatt tctgggtaga ttctaggatt tctatttgca tctctaacct gagagctgct 180
aatagtccac acaacttttt agtttgtgag ttttcctaatt ttagggtag gacaaatttc 240
tgtatttttc atccaagggg ataaagatgt atgctgataa attggaggct gagtctggaa 300
gcaggaaggt cgtaaggat cgtatcaatg gcggttctgg agacatctct actcgcgtgc 360
gacaagtgac tgggaagagg caaaggcang acgacaaatg ggagcatgat ctttcagtag 420
tgacaaacct caactttcaa atcgcaaggg ttgatcctaa gagatctccg ttgaagctcc 480
aaaa 484

<210> 6204

<211> 528

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-010-Q1-E2-G12

<400> 6204

tttctggcnc cgtaggggtca aaaattccgg gtcgaccac gcgtccgaag agactcgttg 60
gattcgtgaa gccgaaaaaa aaaaaaaaaat ggtaattctc agcaacgtct cgttgttctc 120
ctgctgcaac atctctcaga aaccatctct cttttctccg tcttctcgta gttctcattg 180
tcccattcgt tgctcacagt cacaggaagg gaaagaagt gttaccaagt cctttgagaa 240
gtgtgggttg gtcattagga gaagaggttt caaagagaag tctatttgca cttgtctctg 300
cttctctctt ctttggtgat cctgctcttg cttttaaggg tggaggtccc tatgggtcaag 360
gagtcaccaa ggggacaagg acttatctgg gnaaagattt cagtgncaa gactccttaa 420
caaggcangg actttcaaaa acgttcaatc ctnaaggga aagccaaact ttnaaggggt 480
tgcnaaaatt tgggtaagggt ggcaaacctt ccttttgatg caaaattt 528

<210> 6205

<211> 487

<212> DNA

<210> 6207
 <211> 482
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-G7

 <400> 6207

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 aagaaacaaa ccgctccaaa gtcattgccc atttctctca atgtggatca gtcggtctcc 120
 gacacctactg ctgttccaac aacaagaaaa tcgttgatca tggaacgaat gggagataaa 180
 gacatcggtta gacgtgcatt taagagtttt cagaagagtt tcgaccaaata gaaatctact 240
 gatgatgggc aagatacagc tccaaagcag gttcttgcaa aggcaactgc tggtcagagg 300
 ttaggtacaa ctggtcagaa aaatgtcagg cttgcaaaat cagatggcac ggagagaaaa 360
 ggtcctaact ctcaacgttc ttcattctgtt gtatcaaaaa gcaacgggac agccgagaaa 420
 cagaangacc ttctaggctt ggcacaaaaga nctgtagaga ngatacattt acaaggcnaa 480
 ac 482

<210> 6208
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E2-G8

 <400> 6208

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 tctgcctcca aatctcatct cttgccagct ttctccatct ccagatgctt ctctcagtg 120
 ttggaaggac ttaagtatgc aaattcacat gagtgggtga aacatgaagg ctcaattgct 180
 acaattggta tcaatgacca tgcgcaggac catttaggag aagttgtgtt tgtggagctg 240
 cctgaagcaa acagttcagt gagcaaagaa aaaagctttg gagctgttga gagggttaag 300
 gccacaagtg agattctatc tccaatctct ggtgaagtca ttgaggttaa cacaaagctc 360
 ancgagtcac ctggtttgat naaactcaag cccttatgaa gatgggttgg atgataaang 420

gtgaaaccga acagccccgc cggagttggn agctcctgat gggtcctaaan ggaatacacn 480
aagttctgcg aaagaaaa 498

<210> 6209
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E2-H11

<400> 6209

acgcgtccgc tcncctttctc ctctgtttca tcaaactctt catcagtgtc tcttattttc 60
ttcaaagctt caaatctctt tttttccttc ttgcaatggc aaaatcgaag aaaatttcta 120
caggtcaaat atttggttgt gagagtctcc ttgggtgcat tttccagagc tggagccctc 180
gccgtcgaaa accctcttta ccggaaaagg atcatcgggc aaaagataac ttgtcttcca 240
agtcatcaac aaccgttaca aaccctaaaa tcttcccaag aaaatccacc gatacttctt 300
ctcaacaaaa gaaatctgac tcccagaaac cccaacaaaa gccaaaacca gatgagaatc 360
acccgcgaaa atcatcggaa tccgccagaa aatcatctga ttccgcaaga aaatcgattt 420
cgtcaggctc atcaagaaca agagagcaag agantctcac t 461

<210> 6210
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-010-Q1-E2-E5

<400> 6210

acgcgtccgg ttgatcgta ttggcttata acccactagg atggaagcga gtggacattg 60
tccggcttcc tgttgtgggc ggagacgttt cggtagatga ctctgaggga cacgaagtgt 120
agtctcaact tgttccattt actgatgaat atgtggcctt aaggaaatat catgtagagg 180
catacttagg tcaaagccct acacaggtgc caaagtattg gcttgtgttt tcagtaactg 240
tgctcctct tggcttact acttacacta tctccactgc taagaaaaca gatggatatt 300
ctagcaaatc atacgtctcc aatatcctaa aaggcgaaca gtcaataatt aacattggtc 360
atgggcatct gaagcttagt ttttccact gatcaaggga cagcaatcaa ttatgttaac 420

ggcagaacct cgatgacaga accagtcaaa caaga

455

<210> 6211

<211> 448

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-G8

<400> 6211

acgcgtccga tcccaccaa gaagaaactg gaggagtanc gganattgct gagtcttttg 60

gtaatatgga agtgactgat gagtctcctg atcagaagcc aggacaattt gaaagagact 120

tgtcgacgag aagcaaagaa ttcanagagt ttgatcagga ctttgactct gttctcggta 180

aggattcgcc ggcgaaattt ccaggtgaat caggagttgt tttcccgggtg ggctttgggtg 240

acgagtcagg agctgagctg gaaaaagatt ttccgacgag aagtcatgat tttgatatga 300

cagactgaaa ctggaatgga cacgaattct ccatcaagaa gccatgaatt tgatccgaag 360

actgaatctg gaaacgacna gaaatcccc gaatgggcct tggtanttaa atccagganc 420

tgagctggaa aaaagaantt gattcaga 448

<210> 6212

<211> 456

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-H12

<400> 6212

cngtccgaa aaaaaaaaa acatgaaagt aacatgagat ctctcttatt agccgtgtgc 60

ctggttcttg ctttacctg cgggtgaagca nccgtgtctt gcaacacggt gattgcggat 120

ctttacnctt gcttatacta cgtgactcag ggcggaccgg tcccaaccct ctgctgcaac 180

ggtctcacia cactcaagag tcagggtcaa acttctgtgg accgtcaggg ggtctgtcgt 240

tgcatcaa at ctgctattgg aggactcact ctctctccta gaaccatcca aaatgctttg 300

gattgccttc taaatgtggg gtcgatctcc cttacaagtt cancccttcc actgactgcy 360

acagtatcca agttgagaca aagcaagaaa atccttaaag ggaaagctac tacaaggaac 420

tataataacc taataattaa taaatgangg caattg

456

<210> 6213

<211> 481

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-H2

<400> 6213

ctggtggtca cataccgggt cgncccacgc gtccgccnan ncnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnct 120

aacaagtttc cggagaggca accgatcggn acttcggctc agagtgacaa ggactacann 180

nagccaccac ctgcgccgtt gttcganccc ggcganctag cttcatggtc cttctggana 240

gctgggattg ctgagtttat anctacgttt ttgttcctgt acatcactgt tttgactgtt 300

atgggtgtga agaggtcacc gaacatgtgt gcttcgcgctc gnatccaagg tatcgcttgg 360

gctttcgggtg gtatgatcctt cgctctcgtc tactgcaacg ctggatatctc ccggtggaca 420

catcanccca agcngttttac gttccgtttg gtccttanct anggaagcct tcgctcacia 480

c 481

<210> 6214

<211> 415

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-H6

<400> 6214

tttttttttt tttggagtta gaatgctatg aattccaaac cagagaagat tcaaatanaa 60

cagagactaa aaaggctggt canacagtaa taattcntgc acatgaacac taaaccagaa 120

cgataacagg aaacaaagat acagtcagta ctcaagtagt ttgagggcac ctacggaaag 180

caagtaatac tacagaggggt agacgttcca gtgcttaang atgaaacatc atcagtacaa 240

gcaaacgtgt ttttcatcat acaccgttgt cacttncaca agtggctgcn gtcagtccgc 300

agcatacggn naattgactt tcgacaagca ncatcanctt tgcgcagagg agcaaggcca 360

accaggcaga tggggacctc tcaatnccac gccnttcagg gngaaatctc cttaa 415

<210> 6215
<211> 448
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-010-Q1-E1-A3

<400> 6215

acgcgtccgc aaaatgctca cgacacctcc acgaacnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnncaatcga actctgtata 120
caactctttc ctcaagtgtt tctccgacaa gacgaaatct ccacaatccc aaatcactga 180
caatgtcttc tctcagacaa accctgcttt ctctccggtt cttcgtgctt acatccgcaa 240
tgcgagggtc aacacttcct ctactcttaa acccaccatc ataatcactc ctgcgtccga 300
gagccacgtc agcgccgccc tcaactgtct aaaaacccta aatttcctcc tcaaaatccg 360
aagcggcggc catgactacg atggtctctc ttacatttcc gacaaaccat ttttcatcct 420
cgacatgtcg aatatccgtg acgtctct 448

<210> 6216
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-010-Q1-E1-A6

<400> 6216

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gtttctctcc acccttcga gatttgggtc gatgatgtt cgtgctgttt ttaggagagc 120
ttccattaga ggctcttctt ctgcttcggg attgggaaaa tcattgcaat cctctcgtgt 180
tgcagtgtct gctcaatttc attctgtttc agcaacagag acgttgggtc ctcgtggaaa 240
ccatgctcat agcttccatc accgttcttg tccagggtgt ccagactgtt caaggactat 300
tatcaacggt taccaaggca cagccctgca aagatgggtc aggccctttt catctgatag 360
tggggatgtc gtggaagctg ttgtgccaca catgggtgaa tcaatcactg atggcaccta 420

accgcctttc tgaagaaacc t

441

<210> 6217

<211> 446

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-010-Q1-E1-A7

<400> 6217

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tgaatcctct catccaatcg tctgattctc atctttctcc gttacttgtg gatcttacgc 120
aatgtataga gttttttgca gccgagcact gagagctaag tctctctgtg acaaatcatc 180
cacctcgctt gcttctttga ctctctccag attgaatcat tccatacctt ttgctaccgt 240
agatgccgag gagctctctg gtgctcatcc tgctgaagta cagagctttg tgcagggaaa 300
gtggatagga tcgtcaaate ataacacgct tctagatcct ctaaattggag aaccgtttat 360
caaagttagc gaagtggatg aatcaagaac tcaaccattt gtggacaagc ttatcccant 420
gcccgaatac atggnctcca aaaccc 446

<210> 6218

<211> 441

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-010-Q1-E1-A8

<400> 6218

acgcgtccgg ttcaattcac taaaccaatg aaaatgcaag cagttcttgt tatcttggtt 60
ttctccggtt tactttcggt taagacagcg ttagcagcac gacatgtgat cggcgggagc 120
caaggctggg aacaatccgt tgattttgat tcttggtctt ctgatcaatc tttcaaagtc 180
ggcgacaaa tcgtttttta gtattcagaa ctacacagcg ttgtggagct aggaagtga 240
acagcataca agagtgtga cctgggaaca tcagttaatt ccttaagctc tggaaacgac 300
gtcgtaagc tttctaaaac cgggtactcg tacttcgctt gtggaaccgt tgggcattgc 360
gaacaaggca tgaagattaa agtcaacggt gtctcttctg actccaaatc cgcttcctct 420
ccttcaagtt caagttcggg t 441

<210> 6221
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB23-010-Q1-E1-B8

 <400> 6221

 acgcgtccgc ttccttcgtg tggaacagcc atggctatgg agtttctgag gagcagtaga 60
 agaatattgg aatcttctgg atgcgcgac gctttgattt ttctgctctt catccatgga 120
 gctcactcat tctatctccc aggtgttgct cctcaggatt tgcgagaagg tgatgagctg 180
 aaggtgaaag tgaataaatt aacttcata aagactcagc ttccatactc gtattactcc 240
 cttccttttt gtcgccctag caagattgtg gacagtactg agaatcttgg agaagtgtt 300
 cggggtgacc ggattgagaa tgccccatac tcgtttaaaa tgcgggaggc acaaagtgtc 360
 aatattctcg gccgggtcac tcttgatgcc aagacagcta aagcgtttaa agaaaagatc 420
 gatgatgagt accgggtcaa c 441

<210> 6222
 <211> 444
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB23-010-Q1-E1-C2

 <400> 6222

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 ggagaagcac tatgaaccaa acctgaagcc cttgtgattt agagttacag agatacatta 120
 aaagggttcg ggatttcaca gtagcattca tagacagttc aggttagtta aacgtgcttc 180
 aaaaaagaa aaaaaacaga agtgtagttg aggtcacacc acaggtttat gctttgctct 240
 taatcaaata tttatctttc tcttttttgt tatttgcct ttttaattcc atttgcttta 300
 ttccttactt gtggggatta aatgtttgca gagaaagata attcgactga ataaatacac 360
 tttacctgt atacttgta tatatttggt tcaccccaaa gtgaaagctg cagactttga 420
 aacacagaaa ttctcccaat ggta 444

<210> 6223

<211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB23-010-Q1-E1-C3
 <400> 6223

acgcgctccgg gttcttgtga ctcaagtact ttgacacatt gaaggaaatt ggtgcttctt 60
 cgaagtcaaa ctcggtgttc ataccgcacg gtccaggcgc tgtagggac attgcttcac 120
 agatcagggg tgggtcttctt cagggttaact ctgctgctga gtagagaaat gtctcaaagt 180
 acaaaaaggc tttttcagag ttttagagtt gtgttactac ttgctactca gtttatcttt 240
 tagcggttgg ctctatatgg gttcttaaatt ttcttatcgt ttctctcttc taggcttgtg 300
 gacttgatcc attttcttgt tttatgggtt tgtggataga gtttgggctt gaaaaatatt 360
 tgtgttattt tgggttttaa tgtcgtaaac tcgttattaa tgtttaaaca gtggtaaaga 420
 atttgtaaac gagaaaaaaaa aaaaa 445

<210> 6224
 <211> 448
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-010-Q1-E1-C5
 <400> 6224

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 agaagtcgta cccgaacgtt cggatccggg ttcgggtcta ctccggcgat gtctcttcca 120
 cgtctacgct tccgattcgt ataacttaac agttcatgtc actgacttca tctccggtgt 180
 ctggacgacg atcctctccg tctcgcagct agacgatatg agggatactg ttgggattgg 240
 tgggttcgtgg tctgagttcg tcgattatac tgttgcttcc ttgaaatccg acaatgtgaa 300
 gcttctcttg ggagaaactt cagtttcaaa tgggtgtcaaa actgcgcgat tagtttctca 360
 gaaagccaaa ggaatgcctc gcataaatgt tcctttaaca aagatgggtg gaatcatctg 420
 ctantgaanc aatgggcaaa tctgtctc 448

<210> 6225
 <211> 478

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-D8

<400> 6227

acgcgtccga ncgtgagaaa ctttgnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
 nnnnnattgg tttggtctcc ggaaacagca tcaaaggctt atatagacan cgtaaatacg 120
 gtnagttttt tttttatttt cgggtgagtt gtgaaggaat aataacacac gcttcttctc 180
 tccagttctc gaaaactcag atcttaattt tgttaaagat tcatggnttg ttcttgtaac 240
 gatttttttc ttttcttttt gggtcagtggt gagaatcttg aaacgccgga cncggtggag 300
 ctgatancgg ngatggcagc gggatggaac gtgaagctga tctggtganac ttggtcanaa 360
 aggagacnca anaacttcaa gtantggatt aagacgtnc angcagacac gccaaacgct 420
 aaacacatnt gtataa 436

<210> 6228
 <211> 462
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-E11

<400> 6228

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 atggctgttg cgtccaatt cagccgatta tgcgttcgac cggatacttt cgtgcgggag 120
 aatcatctct ctggatccgg atctctccgc cgccggaaag ctttatcagt ccggtgctcg 180
 tctggcgatg agaacgctcc ttcgccatcg gtggtgatgg actccgattt cgacgccaag 240
 gtgttccgta agaacttgac gagaagcgat aattacaatc gtaaagggtt cggtcataag 300
 gaggagacac tcaagctcat gaatcgagag tacaccagtg atatattgga agacactgaa 360
 aacanatggg tataacttatt cttgggggan atgttactgt gaaactcgct aaagcatatg 420
 gtttttctg nggtgttgaa cgttgctgtt caaaattgca ta 462

<210> 6229
 <211> 498

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-E2

<400> 6229
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 aatcgaaacc cagcacgaga aaaatgcatg atttttgctt cactatcccg tacgggatgc 120
 ttctcatcgg cggaggattt atcgggtaca tgaagaaagg aagtataaca tctttcgccg 180
 gaggtgcagg cactggatta ttactcattc tcgctggta tatcagtctc aaagcttttg 240
 agaagaagaa gaattccact attgctatgg ttcttcagac agtcacgca gctgctctca 300
 cactagtcac gggacagcgt tacttgctga ctggaaagat tatgccggct ggtttggttg 360
 ctgggatcag tgctctcatg acctgttttt acgtatacaa gatcgctact ggtggcaata 420
 aatttccagc aaaagctgaa tgatggttct gctacatgca gatganacta acccgttggt 480
 gaatttgtcn ataaaatt 498

<210> 6230
 <211> 446
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-E6

<400> 6230
 acgcgtccgn aagggtgnnat caggaantan tgtantctcg cacanaagaa ncatnganct 60
 tggtnaaagt nagaaagaca ggggctanct gaacctgcat cttccccgac ggttcanaag 120
 acctctgttt ccggagagga tttccagctc gcgccgccga aattgggcgt gattttcgtg 180
 atctcttcgc ttctgtgttc gctttatctt taccttctct gttccacta caatgttgac 240
 aatgagctca agcgtccgat cctcattaac gctgggctta gcttggttg attctttgtc 300
 acactcaagt tgattcctgt agctgctaga tacgttctga ggcgtaatat gtttggtttt 360
 gatatacaaa aaagangcac tcctcaagga naagttagag tgcctganc tttgggaatt 420
 gttgtcgtat tgcctcctg ataattg 446

<210> 6231
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F1

 <400> 6231

 tttttttttt tttggagtta gaatgctatg aattccanac cagacaagat tcanatanaa 60
 canagactaa aaaggctggt caaacagtaa taattcttgc acatgaacac taaaccagaa 120
 cgataacagg aaacaaagat acagtcagta ctcagtagtt tgagggcacc tacggaaagc 180
 aagtaatact acagaggggt gacgttccag tgcttaatga tgaaacatca tcagtacaag 240
 caaacgtggt tttcatcata cacogtatca ctttcacaag tggctgcagt cantccgcag 300
 cataaggaga ttgacttcga ngaagccagc atncactttg cccaananga ncaagggcta 360
 tcatgaagat gggganctcc tcattgctaa cgcctttcaa ggagacatct cctnagaagg 420
 agaaggcctt t 431

<210> 6232
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F12

 <400> 6232

 acgcgtccgc aanatttacg gtttcagaga tcggctgatt ttcacatcca caagtatggc 60
 gactcaaatc agcaagaaga gaaagtttgt agcggatggt gtattctacg ctgaattgaa 120
 tgaggttctc acaagagagc tagcagagga tggttactct ggtgttgagg ttaggggttac 180
 tccaatgagg actgagatta tcatcagagc tactcgtact cagaatgttc ttggtgagaa 240
 ggggangaga attanggaat tgacatctct tgtccagaan agattcaagt ttccagttga 300
 cagtgttgag ctctatgctg agaaaggtaa caacanaagt ctctgttcca ttgctcaagg 360
 ctgaatccnc tacgttacaa accttctcgg tgggtccctg ctgttcccaa gggcctgtta 420
 atggtgtttt tganaatttg gtaatgggan aattggagcc taaagggaat ttaaggt 477

<210> 6233
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F2
 <400> 6233

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 tccaatgcc aaagaggtaa cgaagcgcgt ggactcaaac gagaaacatt ggtcgggatg 120
 gaactggaga acggaagggtg acgttatggt taacggagct ttttctgtgc cgtcagggtga 180
 cggagtgagc ccagcgtatg ccagagccac cagtgttcag cctaaagccg ccgcgatcat 240
 tgaccagctc acggtcaatg cggcgtttt cggcgatcca agtgggagaa acggccaagg 300
 aggaagcttt cccggaatta cgaacgggtg tgggacatca cgcgcggtta cagtaaaagt 360
 ggacctgccg gcggtggcag cggcagtgac agttgatgat gggcttttca cattgataat 420
 ccggtaaaca tagccggtgc cgggtggctct aaaggcc 457

<210> 6234
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-F5
 <400> 6234

aactttctcc gcgtcgtacc ggtcaaaaat tcccgggtcg acccagcgt ccgaatcccc 60
 tgaaagctta taggctccgt tgaacagtta taacttgtga aagttgaatc cttttaaac 120
 gacagaggaa gatctcagat ggcaacaag ataagtgaat ctgcttccaa gatggacgat 180
 tatgaggtcg tggaacagat cggacgangc gcttttggtt ctgcttttct tgtaattcac 240
 aagtccgaga gacgaaagta tgtgggttaag aagattcgtt tggctaaaca aacagagaga 300
 tgcaagcttg ctgcaatcca agagatgagt ttgatataaa agcttaagag tccttatant 360
 gtggagtaca aagattcttg ggttgaaaag gatttgtgat gcattgtaac tagttattgt 420
 gaggggtggag acatgactca natgataaag aaatcaagaa ggantattcg cgtccgaaga 480
 aaaaccctgt an 492

agaagaatta ctgtctaaac

500

<210> 6237
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E2-G2

<400> 6237

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atatagtatg gcggtgtata tgtgcaagaa atgcaagatt gatgttttcc ccgtgtggaa 120
agcatgggggt cttgctttgt tacggatgga gcgctatgct caagctcgag tcaaattcaa 180
gcaagccttt caattaaagg gggaagacat tctgatgtc attcangaga taataaatac 240
aatagaagga ggtccgcctg tggatgtgtc aattgtacgt tccatgtatg accatttggc 300
gaaaagcgca cctacaattt tggacgattc tttatcagca gactcatacc taaatgttct 360
gcatatgcc a tccactttcc ctcgttcaaa agangtcncg ganatntctg ggaatccgga 420
aaaagaatag ttctgtacc tgggtcagac ttgt 454

<210> 6238
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E2-G5

<400> 6238

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agagtcattc agtttttgat gggtttaa at gatgacttta atactatcat gagtcagatt 120
cttaacatga agcctagacc tggactgaat gaantttaca acatgcttga tcaagatgag 180
agtcancgat tggttggaca tgcttcgana cctactccct ctccggctgc ttttcagact 240
caaggtttgc ttactgaaca gaatccaata ttgatggctc atggaaaactt caagaaaccc 300
actgtactca ctgcaatccg tattgggtcac actgttgaca agtgttacia agttcaatgg 360
nnaccctccg ggaaaatcaa agggcaaata aanaaaagtt ccttgtgtac gganttncaa 420

aatccnaaca gcctccaa

438

<210> 6239

<211> 477

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-009-Q1-E2-B9

<400> 6239

accgggtcga cccacgcgtc cgattttctg tttgcataca cttgtatata tttatattaa 60

cagtccaaaa ttcttcgaaa ttgtcccgag ctttgagcat ataaaaaatg tcttcgataa 120

tccatggagc tggagctgct acgacgacgt tatcgacgtt taattccgtc gattccaaga 180

aactcttcgt tgctccttct cgcacaaatc tttcagtgag gagccagaga tatatagtgg 240

ctggatctga tgcgagtaag aagagctttg gttctggact tagagtctgt cactctcaga 300

aattgattcc aaatgctggt gcgacnaagg aggcggtac gtctgcgagc actgggacat 360

gaactattgc ttttcgaagg ctcttcaaga angtctggaa caagagatgg acaagagatt 420

cacatgtaag ttgttatggg tgaaagatgt tggncattac ggangttcct acaaagg 477

<210> 6240

<211> 437

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-009-Q1-E1-F5

<400> 6240

acgcgtccga atccccctgaa agcttatagg ctccgttgaa cagttataac ttgtgaaagt 60

tgaatccttt taaaccgaca gaggaagatc tcagatggca aacaagataa gtgaaactgc 120

ttccaagatg gacgattatg aggtcgtgga acagatcgga cgaggcgctt ttggttctgc 180

ttttcttgta attcacaagt ccgagagacg aaagtatgtg gtttaagaaga ttcgtttggc 240

taaacaaaca gagagatgca agcttgctgc aatccaagag atgagtttga tatcaaagct 300

taagagtcct tatattgtgg agtaciaaga ttcttgggtt gaaaaggatt gtgtatgcat 360

tgtaactagt tattgtgagg gtggagacat gactcaaagc ataaagaaat caagaggagt 420

attcgcggtcc gaagaaa

437

<210> 6241
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E1-F6

<400> 6241

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aaaacccatt ttctaaaacc cttttctacc tccatcgatg gctctgtagc cgagcttccc 120
cgtcttgatg atcaacaacg tctctctgat tcttctctgc ataatacctc ttctgggttt 180
tgggctgcag atcatcattt cttcctatca tggcttgga aaatgcaagc tttgtatgaa 240
cccatttgga aaaaagctgg aatttttgaa gcaatcaagg catccactta caaaatcata 300
aaagacacgt cctcgattct ctccattgcc gagaaatggt gttctgaaac caaatctttc 360
atctttccat ggggtgaagc aacaattacg ttanaggatg tgatgggtgct tctaaggttc 420
nctgttttgg gttccc 436

<210> 6242
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-009-Q1-E1-F7

<400> 6242

acgcgtccgc ttttctcttt tgtctcccct aaatttagtt tctcctttta agtcagattc 60
cttcctaate ccattctttc agtcttctct ttgcgccctc tgagttcaac aactgtgtta 120
tctctatgaa cagttccttt gatgaagaan acaaagtga agttgctgtc tttataacca 180
ggatttggtg agtcccattg tntcagtggg caattcttgc cgtggatctt tcaaggacaa 240
acncgangaa ggcgataaca atgagcctga agattactct aaaaccncta ccaccaactt 300
gtcgncta atccgaccatt cancgaacgn tgcagacatc antgctcaag natctccaaa 360
gacagcaaca ggaacaacaa caggaaagat cgaggtcntg tg 402

<210> 6243
 <211> 395
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-F8

 <400> 6243

acgcgtccga aaaataaaat aaagaaaagg aacagtttat tttcaaaaat taaaaactgt 60
 tcttattctc cacatccaca tgatctctac aatctccaaa cactgttttc tttcacacct 120
 tacacaaaaa aaaaactggt ctttttaaata attaaaaact gtttctttgt ttttttatta 180
 ttattttgta atattgatac aaattttttg tttttataac actaatgcat atgtttgata 240
 ttctcaaaat attttaatat attttataaa ttaatattta attaactctg cataacagtg 300
 gcataattct agtatatata taattaaaga ggtttaagaa ataaggaaaa tttacgtact 360
 catcanatta ttttactaca gacaaaattt tgcca 395

<210> 6244
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-G2

 <400> 6244

ctttnccgc ccgtaccggt ccanaattcc cggggtcgac ccacgcgtcc gtgatcaatt 60
 gtcacccgaa tgtctacgag acagattaat atctgatgaa cgatatagta tggcgggtgta 120
 tatgtgcaag aaatgcaaga ttgatgtttt ccccggtggtg aaagcatggg gtcttgcttt 180
 gttacggatg gagegctatg ctcaagctcg agtcaaattc aagcaagcct ttcaattaa 240
 gggggaagac attcctgatg tcattcagga gataataaat acaatagaag gaggtccgcc 300
 tgtggatgtg tcaattgtac gttccatgta tgaccatttg gcgaaaagcg cacctacaat 360
 tttggacgat tctttatcag cagactcata cctaaatgtt ctgcatatgc catccacttt 420
 ccctcgttca gagaagtccc ggagatcctg gaatcggaag agaataattc tgtacctggt 480

<210> 6245

<211> 439
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-G5

 <400> 6245

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 agagtcattc agtttttgat gggtttaaat gatgacttta atactatcat gagtcagatt 120
 cttaacatga agcctagacc tggactgaat gaaatttaca acatgcttga tcaagatgag 180
 agtcagcgat tggttggaca tgcttcgaaa cctactccct ctccggctgc ttttcagact 240
 caaggtttgc ttactgaaca gaatccaata ttgatggctc agggaaactt caagaaaccc 300
 aaatgtactc actgcaatcg tattgggtcac actgttgaca agtgttaca agttcatggc 360
 tatcctccgg gacatccaan ggcaaatcaa cagagttctt gtgtaggcag tacaaatcta 420
 acaaggcatc cgatnagtc 439

<210> 6246
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-G8

 <400> 6246

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 gtaatatgga agtgactgat gagtctcttg atcagaagcc aggacaattt gaaagagact 120
 tgtcgacgag aagcaaagaa ttcaaagagt ttgatcagga ctttgactct gttctcggta 180
 aggattcgcc ggcgaaattt ccaggtgaat caggagtgtt tttcccgggtg ggctttgggtg 240
 acgagtcagg agctgagctg gaaaaagatt ttccgacgag aagtcatgat tttgatatga 300
 agactgaaac tggaatggac acgaattctc catcaagaag ccatgaattt gatctgaaga 360
 ctgaatctgg aaacgacaag anttctcccg atgggctttg ggtagtgaat caaganctga 420
 nctgggaaaa agaatttgtc 440

<210> 6247

<211> 446
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-H1

<400> 6247

acgcgtccgc ccacgcgtcc gagtgcgtgc acggtgcacc acgaatccac gatccagtga 60
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 cctactcgcc agctattcat cgacggcgaa tggagagaac ccatcttgaa gaagcgaatc 180
 ccgatcgtaa atccagctac tgaagaggtc attgggtgat attccctgca gctacaacgg 240
 aggacgtgga tggtgctgtc aacgctgctc gaaagagcat tatcaaggaa taaanggaaa 300
 agatttgggc caaaagcacc tggagctggt tcgtgctaaa gtattacgtt ctattgctgc 360
 caaaggtaaa tgaaagaaaa gacggatntg gaaaactcna ngcgcttgan tgtggtaaac 420
 catttggtga aacantatgg gatatg 446

<210> 6248
 <211> 442
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-H3

<400> 6248

acgcgtccgc ggacgcgtgg gcggacgcgt gggttcgtct tcttcaactt ccagagagag 60
 aacgtagcaa aacagggctt accggagcag aacggaaaaa cccatttcga agctggagat 120
 gatcgtgcta aggagtacgt cagtctcttg aaatcgaacg atccaattgg attcaacatt 180
 gttgatgttc ttgcttgggg ttctattgga cacatcggtg cttactacat cttggctact 240
 tccagcaatg gatacgaccc aagcttcttt ggatgattcg tttcannnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnncctctg 360
 tttcttccctt cngttgttgt tggttggtgt ccaaaganct tgtccctcc ttttgcaaaa 420
 tgttttaatt ccccattn aa 442

<210> 6249

<211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-H5

<400> 6249
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 gattacattc cctgtcgcat ttggatctca aagcaaactt ggntctggcg ctttccgggtt 120
 ctccaccggt gcaatcncgg cactttccgg tggattctcc tattactact tgacatccgg 180
 caacaatctg gtttatctgg atcaagctaa ggaagagaca ggaccaaaaa ccgctctaaa 240
 ccctgataaa tggctcgagt tcaagcttca agacactgct angagttagc cacaacactc 300
 agttgttcaa gttctcattt gaccctcaa ctgagttggg tctaaatgtt ggcttcttgt 360
 cncctgaaca aangggctcc cttaaggcta naaanggctg gaaagggaaa aacgaana 418

<210> 6250
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-A11

<400> 6250
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 agntctgttc cgacatcant ggctttttta gcgttgattg gtcngctcta ctccgaaatc 120
 gtctgacttt cacagcagcg atgttcggct cttacgtccc gttttaatcg ggctctcggt 180
 cggcacctcc agcttttttca gtgaagatga ccgactcttt tcccgacagc atacggctcc 240
 atcagcgggtg ttggctggat tttagtttta ctttgccat agatgagtta ctctcacctt 300
 ttggtctttg ttttcccttc annaanttca gcaattatgt gttgggtgat aacganttaa 360
 gtgctangtt gcctaaactg ttgattntcc gactcatgtt gtttgaagct gggtttacag 420
 gaattaataa tnatatttgc agnttaaaaa ttgaagagna agaagaagat 470

<210> 6251
 <211> 478
 <212> DNA

<213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E2-B5
 <400> 6253

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 atcattgcag ttctatacgc cgtagcagaa caggaaggag cttcgaaaga agacattgac 180
 caacttacta aattcaaatt ccgaaagggt ggtgatacta tgaaacacac tgttgatgaa 240
 gaacaaggac aaggagattc tggaggagtg atgactgaat gtggtacaga ttcacccgtt 300
 gaacatgctc ttctcatga ggatgcagaa tgctgcattt gtctttccgc ttatgaagac 360
 gagacagagc taagagaact tccttgtggc caccatttcc attgcngttg tgtggataan 420
 tggctttaca taaatgcact tgtccc 446

<210> 6254
 <211> 439
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-009-Q1-E1-F2
 <400> 6254

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 tcccaatgcc aaagaggtaa cgaagcgcgt ggactcaaac gagaaacatt ggtcgggatg 120
 gaactggaga acggaagggt acgttatggt taacggagct tttttcgtgc cgtcagggtga 180
 cggagtgagc ccagcgtatg ccagagccac cagtgttcag cctaaagccg ccgcgatcat 240
 tgaccagctc acggtcaatg ccggcggtttt cggcgatcca agtgggagaa acggccaagg 300
 aggaagcttt cccggaatta cgaacggtgg tgggaccatc acgcgcggtt acagtaaaag 360
 tggacctgcc ggcgggtggca ncggcagtga cagtgatgat gggcttttca cattgatatt 420
 cggtacaat aacggtgcg 439

<210> 6255
 <211> 447
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-D11

<400> 6255

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gcttgtcaca aattcgttaa aacaagatct taatcactcg aaccagtatg ttgtaggact 120
tgctctctgt gctttaggga atatttggtc agcagaaatg gcccgatgatc ttgcgccaga 180
agtagaaaaga ttaatccagt ttcgtgaccc taatatccga aagaaggcgg cgctttgctc 240
tactagaata ataaggaaag ttccagatct agcagaaaac ttcgtaaagt ctgctgcttc 300
cttgcttaaa gaaaagcatc atgggggtcc tataacanga gttcaacttt gttatgaatt 360
atgcacgatt aatgatgaag ccctagagta cttcaagaac gaaatgcaca gaaggactgg 420
ataaaaaact ttganggata ttactaa 447

<210> 6256

<211> 479

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-D3

<400> 6256

ngtnccggtc caagaattca cgggtcgacc cacgcgtccg gttgttcct tatataaaga 60
aactcttcct ttcataccaa aaaaaaaaaa aaaatccatt ttcatttctc ctcttaaaaa 120
accgccatga cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna 180
agctacgacg gtggcttcat cggagccgcc gatgcagaac atgacctcag agccactgat 240
ctccataatc atcgccatcg tcgccaccgt aaccaccatc gcggagaaga gtttgagtac 300
tcagccatat catgtagagc ttactcagcc tcattggacg agtttggcgc cgtaggagac 360
ggtgtaactt caaatacagc ggcgtttcgc gacgcggtgt cacaacttaa ccgtttcgca 420
gactaagggt gctcaatggt aattgggtccc gcccgacng gtgggctcaa ccggaaact 479

<210> 6257

<211> 447

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-D4

<400> 6257

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 ctttcgaata tatcttagat aacagagaca catactctta agtttggtga agaataagaa 120
 gacaatgacg aaggaagtgg ttggtgataa gagatctttc tccgggaaag actatcaaga 180
 cccaccacct gaacctctat tgcacgctac tgagcttggg aagtgggtctt tctacagagc 240
 tctcatcgct gagttcatag ccactctcct tttcctctat gtcactatta tgactgtcat 300
 cggttacaag agccagaccg ntccagccct gaatcctgac aantgtanag gcnttgggcg 360
 tccttggtan cncatggggc tttgggggca tgattttcan cctcgtcnan ngcaccnccg 420
 gatctcnggn gggaatatta acccggg 447

<210> 6258

<211> 440

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-D5

<400> 6258

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 aaaagctgac cttgttgctg tgctacagca aggaagtgtc tctgagattg gaacgcatga 120
 tgagcttttt tccaaggag aaaatggagt ctatgctaag ctaattaaaa tgcaagaagc 180
 agctcacgaa accgccatga gcaatgcaag aaagagtagc gcaagaccgt cgagtgttag 240
 aaactcgggt agctcgccaa taatgactcg gaattcgtcg tatggaagat caccttattc 300
 acggagacta tccgatttct caacttctga ttttagcctc tccattgacg cttcgtccta 360
 ccaaaactat agaaacgaag aactggcctt caaggatcaa gccaatcat tctggcgact 420
 agctaaaatg aatctccaga 440

<210> 6259

<211> 440

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-D7

<400> 6259

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caataatgca atcagagtac tcaacacgcg atctgagcaa gtgggtcaca tcgagcgtac 120
agtagcagcc gttctcgcgc cgatgattga ttctcacacg atcgtcgtcg aggggtattgt 180
acccaatact cgttctaact ccaataggta cagaatccct tgtcaaattc atgtatttgc 240
aaagttagaa gcgtcctcta ctgtgaaatc gacgatttct agaggtgggt tagtattgat 300
ttcggagtca gatacatcgt ttgggttatc tgaggctgtt gtgggtaagg aacagatggg 360
aaatggagat aagangagtg ttgataagat ttttaaactt gttgatgana atgtgaaatt 420
aatggggaaa ttggtaacgg 440
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<210> 6260
 <211> 463
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-E1

<400> 6260

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gtgccggtcc aagaatnacg gggtcgacgc acgccttcgt tctcaaccga ctccaaatnc 60
aaaaanncaac cccccccaac cccaattccc cgggtccaat aactcaacgt cccaacccaa 120
atttaaccct tncgnaataa attttaacgg ggggaggatc aaatccgccg attctgttgt 180
aacaagctac tgtattttgg gcttctcatt tgatattggg gaaacgagga gtagaggacg 240
atggaaaatc tgatctctct gggttaacaag atacagagag cttgcacggc tttaggagac 300
catggagact ccagcgcttt acctactctt tgggattcct tgctgcgat ngccgtcggt 360
ggtggtcaga gctcaaggaa gtctcagtc tggagaacat cntgggaaaa ggacttttaa 420
cccgtggatn tggcaatggt actccaaagg ccccttgcct ana 463
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<210> 6261
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6261

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gtctctcctt tagccggatc gcttggtata acggaacagt gcatcgactc tatagtctcc 180
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ggaaacatct ccgccaccga tctgcaactt ataccggcg gcgcggcgaa atctcgaaag 300
aaaccgagta gagattcgaa catggagctg tggtttgaag atctgacgca actgagtctt 360
ccgatcttca aaactgtgat cctatcaatg agatcaggag atctgagctc cgatatcata 420
gagagctggt tgatttggtta cgc 443
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<210> 6262
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6262

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tacagggtgct taactttgat tcatgtacat ggtccaccgc atcttcaaaa gtttacttat 180
cgccgagtag tcttctcttc atgatccctg cttggaaagg ccattgcttg gtctcttggg 240
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gggcatttga tactgattcg gaatgctggt cactaatgga tgcaaaaagga gacttaccgg 360
tcagtcgcag cggtcacaca gtggtgaagg ctaattcggg attgatacta ttcgggtggtg 420
aagactctaa gaagangaaa ctaaacgatc tcanatgttt gatctcaaat 470
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<210> 6263
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 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-G1

<400> 6265

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tcttccactg tcaatttctag cactttttatt cccaatttc tattgccttt aggctgtagc 180
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caaaatattc cgaggtagct tcttcccaag tacttttttc aaatctatcc tgcaagatna 360
agtcacaaac actangactg tttctccaat gaacaacgaa agcctttcat ccngttaaga 420
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<210> 6266

<211> 432

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-G10

<400> 6266

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gaagaagaag actctctccg tctctctcct tctctctctc cgtctaagag acaaggcatc 180
cccagacgcc atgatctctc tcactccctc gttgtttctg aacaagacgg ttgttctctg 240
atgttccaca cgctctctc tgcgccagcc tagaactata attactctc ctgcttcctt 300
gagagtcttt tctctctctg gatctaacca ggatcccacc ggcagcggtt tgattgagac 360
cactgccact tcactctctc ctctcgagac ctccgccgcc gacattgttc ccaaatacaa 420
cgtatctggt gg 432

<210> 6267

<211> 441

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-007-Q1-E1-G11

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cctccaagca ggttggaagg cgggagcgtg ctaaaccgga tccatcgaag caccaccaca 240
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agagggagtt agagaaacaa aggcaagacg aaaaacatag acagcagatg aaaaattctc 360
acaagtctca gatgccc aan ggacacaccg angagaagaa accgacgcc ctactcanca 420
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<210> 6272
<211> 461
<212> DNA
<213> Arabidopsis thaliana
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cgagattgga tattgacgac aacgatatgg gacttgagg tagtgaaaca atggaatgca 180
agtgtggtat gcctctgtgt atctgtgtag ctctcccaa atcaactgat aaaccaaacc 240
cacctgctac cattgtctct gtggttcttc ctgagtgaa gtcagaggct tcagcaaaaa 300
gtaaagggtc cacttcagc agcaatgcta gatnagctct aaatgctgga ctagacaccc 360
cccaaagaga ctatgaagcc agtggggaag gattaaagag aagcgattaa gaatggtgac 420
aagtgtggt gcgaaaaaac ttctaaaaaa ggcgttagat g 461

<210> 6273
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations

6275 6276 6277

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-B4

<400> 6275

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ggagtcattg agctgggcgt cactgaattg atttcagaag accataacct gcttcgaaac 180
atcaaatctt gcttgatgga aatatctgca caccaagaca acgatgacga gaagaagatg 240
gagattaaga tcagtgaaga gaagcatcag cttccattag gtatttctga tgaagacttg 300
cattacaaaa gaaccatttc aacagtactc aactactccg cagatagatc aggttaagaac 360
gataagaaca ttcgtcatcg tcagccaaat attgttactt ctgaacctgg ctcaagtttc 420
ttgcggtggg aagcaatgtg aagcagcaag tctcgggttt tgttcagaaa aaaaagtcac 480
aaaatgtgtt gccggaagat at 502

<210> 6276
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB23-007-Q1-E1-B5

<400> 6276

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atccggtgct tctagtatct ggaattggag gctctattct gcattctaag aagaagaatt 180
caaagtctga aattcgggtt tgggtccgaa tatttctagc taaccttgcc ttaagcaga 240
gcctctggtc tctctataat cccaaaactg gttatacaga gccgttggtat gataatattg 300
aagtattggt ccctgatgat gaccatggac tctatgcaat tgacattcta gatccctctt 360
ggtttgtaaa gctttgtcac ttgacggagg tttatcactt cacgatatga tagaaatgct 420
ggttggatgc gggtata 437

<210> 6277
<211> 442
<212> DNA


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<211>      446
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB23-007-Q1-E1-C11
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<400>      6279
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| agcatttgat | cttcaaactc | ttgggttctt | ctctgattga | aaatgagctt | atcatcgcca | 120 |
| accagtgcct | gtagctcgtc | cagatgttac | tcctcgggat | tatcgtttcc | gattggattt | 180 |
| ggatcgaatc | ccatcaatgt | gggattgggt | tgttacccaa | aaagatacag | tattgctgct | 240 |
| cggaagttcg | tagtggttg | ctcctcctcc | tcttcgatn | cacttttggg | taaggctgca | 300 |
| aaagggcaag | ccataagtcg | tcctccagct | tggatgatga | agcaagcang | aaggatatg | 360 |
| gctgtttacc | aaaagctcgc | caagaaacat | ccgtcttcan | annagagatn | agagaacact | 420 |
| gatnctaata | gtggaaaatc | tccttg | | | | 446 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| acgcgtccgc | tctctggagc | cgccacgtct | cagtgatccg | actacgacac | ctttcttcac | 60 |
| tcttcttctt | gcgtcttctc | tgctctcgtg | gtctctctgt | tatttaattt | taatcgattg | 120 |
| agatcgcttt | tagctctcgt | ctttgaattt | tacgggcaga | aaatgggtga | agaagctcga | 180 |
| gcgttagata | tggaggagat | cagtgacaac | acgacgagac | gaaacgatgt | cgttcatgac | 240 |
| ttgatggttg | atttataccc | gcttagcagc | tactacttcg | gttcaaaaga | agctcttcgc | 300 |
| gtcaaggacg | agattatctc | tgatcgagtc | atcagattga | aatccaatta | tgctgctcat | 360 |
| ggattgagaa | cttgcgttga | agctgttctt | ctgggttgagt | tgttcaagca | tcctcatggt | 420 |
| ttgcttcttc | aata | | | | | 434 |

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<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB23-007-Q1-E1-C2
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<400> 6281

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<210> 6285
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-G8

<400> 6285

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tcaaaacagt ggggtgggcct ctgatagcgg ctgctcttgg agttggagcc caagtcattt 180
acgacggcctt cagaaaagga aaagatacat ctatcataaa ccgtctcggc cgtacaatgg 240
aaagtatcag tccggtgcgg gatcgaatcg gtaagctcag taatgtggaa ggtaaaccat 300
ttaggggaagt ccacgaaagt cttacgcgtc tccttgaaga tgcgaaatct attattgaga 360
aatattggaa actcaagatt ggagcaagac acgtttgcag gaagtacaag tttgtatatt 420
ttacatgaaa attnaa 436

<210> 6286
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H1

<400> 6286

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accacacgcc aatctagcgg tccccgcgtt taaaactgag aaagagccca taacgcaaac 180
acgaaatggg caaagtagcg tttggcggtt cgggtggaagt gataaggcag cgaaagcatc 240
caccgtaacg cttagagggtg tcattctacat gctcttcgac aactgcggca aagacgtcaa 300
taagaccatt ttaccctcgc gccacgggtga cccttcgcgc tacccttgc ttcgctacct 360
gtatcgaagc tgaagacgcc gtcgtcgacg tccttcgctc cggcaaaggc aattcttact 420

gtccccgggag ctgggaatct ccccgcaaga cn

452

<210> 6287
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H11

<400> 6287

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ttcgtctgtg attctcgagc tcttttgggg tttctccgag atttttggtc ggttcttcac 180
gttttgttta tggcgggtgat tacgtgatga aagtcaccgg aaagccgtat tcgacggcga 240
cattaccggc ctttgagtcg gataagaatc tcttctctca cgggtccanat ctcagagcta 300
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gaagatccgg tccttctggt ggcagacgaa accggccgga gactccttta ttgaaatggg 420
aaagtggagg atcggatana gaagagaaac cgggttgtat naaacgataa ttggaa 476

<210> 6288
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H2

<400> 6288

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caggataaga tgacggcgaa agagagtgtc acttggcttg ccattattaa ccaagaagag 300
gttgtggctc gggagcttta tcccagatca tgccctcctc tttcttcttc ttcattatta 360
ggaagcgggt cgcttctcat taatgattgt agcgagtatg acgttgaagg tttcgagaaa 420

ggaacaacat ggtttccatg tggaaaancc gga

453

<210> 6289
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H5

<400> 6289

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ctttgagtct tttttcagat tcgagggctg gttttatata tgcttcaaat ctcttaccca 180
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acaagatggt cgaacgagct cttgcgatat acgctgaaga ctgcctgat cgctggttta 360
aagttgcttc catgatecct gggaaagact gtttttgatg ttatgaagca atatagtaag 420
cttgaagaag acgtttt 437

<210> 6290
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-006-Q1-E1-H6

<400> 6290

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catnangaga ttgacntcga naagcagcat caactttgcy cagaggagca ttggctacca 360
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<210> 6291
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
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 <400> 6291

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 tttacttttt gtaaagaaaa ttttcttggt gaattattgg ctttttgtga attcgatttt 420
 cncctaatta a 431

<210> 6292
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-A1

 <400> 6292

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 ctgcttcttc gtcgtcaat ctcaagctcc gttccgtagg ttcttcgctg gagagacggg 180
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 aggttaaaac cacatcacca aagaagtact gtgttcgtcc aaatgttggt gttgttgcan 420
 ctaaataaac ctgtgaantc actggtcant aagcaaagct ttaaagaaac anctccagat 480

a

481

<210> 6293
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-A10

 <400> 6293

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 actaagcagc agatgattga ttgttacatt caaacctag cgaaagtcgt tggaaatgag 420
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<210> 6294
 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB23-007-Q1-E1-A11

 <400> 6294

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 tctctgctct cgtggctctct ctgttattta attttaatcg attgagatcg cttttagctc 180
 tcgtctttga attttacggg cagaaaatgg gtgaagaagc tcgagcgta gatatggagg 240
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 tctctgatcg agtcatcaga ttgaaatcca attatgctgc tcatggattg agaacttgcg 420

ttgaagctgt tcttctgggt gagttgttca agcatcctca agttttgctt cntcaatata 480
gaaactc 487

<210> 6295
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-A12

<400> 6295

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tcttttgtcg gttttaaatt catttcattt tattanaaat tcgctaccgt tttttttctg 180
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aatctttctt tgagcctcat cttcatcctg ataatggtga atcactcana ggaacanana 360
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<210> 6296
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-007-Q1-E1-A3

<400> 6296

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cagaaaatgtt cttgctcctg ctgcacctta tgtgaagaaa gactatctct ttgcacaaga 180
aactgctgac aacattgcgg ctcttctttc tctcaatca gggttctatt atgatatgtg 240
ggttgatgga gagcagttca tgactgctga acctccagag gtagtgaagg ctcgaaatga 300
taactcccat ggaactaact ttgtcgactc tctgagccc atctatggca cccagttctt 360
gcctagaaag ttcaaggteg ctgtaactgt tctacagat aattccgctg aactcctcac 420

aatgacatgg cggtgttggt gttcagatga aaatggggaa acacaggggt caatat 476

<210> 6297
 <211> 564
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-006-Q1-E1-G4
 <400> 6297

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 attcaaaggg ccgaattatt anaannaaaa atngggaaga agcaaaangg ggaagtttgg 180
 gacaagttgg gctngatngc cgttagaac tnacaaaagg gaacgaacct tgccgacaaa 240
 attccaaaaa accgggtggg tttggattca actggccggc tctcaattct tggggattag 300
 aaagtttgtg ggagaggggt atcaaacaaa tgggaatagc agtgaatttg ggtaacatat 360
 ttgatgggag acaatgcate tcccaagttc aacctctgcc aacattgtca ctgatttcat 420
 gggcacttcc ttctctctat gcttgctcgg tggttttctc gctgactcct tctcggggcc 480
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<210> 6298
 <211> 491
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-D1
 <400> 6298

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 agcaactggc gggtcacaag aatacgaccg gtaaaactcc gtccatggag atgataccgg 180
 cgacgggact tgcgatgtca tcggacgaaa gcatgatgct gaagctgatt caacaaactc 240
 actccccaga tgctcgcgaa gtccaagtgc gtggccttct ctctctcgtt gaagatattc 300

tcgatcgtgc cactcttgac tctgaagaca ccaacgcctc catgcttccg ttgcccactg 360
aggataaaact gatgcagtca agcatgatga gcgttcttga tagtgtctcc tatgctatcg 420
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caatgtcgtg t 491

<210> 6299
<211> 193
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6299

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caaccatttc tatagagaat ccaccccatg gttttaaac gaaccgggga agactgtacc 120
gttaatatta atatgaaatt gatttctgnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nng 193

<210> 6300
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-D9

<400> 6300

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atctccggaa acttaattct ctctctgtct ctctaaccat aatctttgtc tctcttacca 120
tagccacca cttaccttct tttgaagtga aatatcccaa caacaaccct tttgggatgt 180
tactacggcc gacaccgatc aagaaccaat cttgggtct accgggtcat gtcgggtcag 240
atgagtgtcg ggtttgacc aaagcatgtt ctgatgagat tcttaggctg acttatcagc 300
cgataacgt tgcgtggctt aaacgcgtta ggaggacgat ccatgagaac ccggagctag 360
cgtttgagga gtatgagact agtaggctta ttaggtcgga gctggaccgt angggtanca 420
tgtatagata tccgttagcn anaacgggta tccgggcttg gatcggatnc ggtggacc 478

491

<400> 6303

<400> 6304

3094

ccattgactc gtcctcacta nggttatggg

450

<210> 6305
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-E8

<400> 6305

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tcttctcac ttcaatttag cgatggctgc aactgcaatc tcttctctt ccttcccagc 180
tttgggtcaa tcggacaaga tctccaattt cgcactctct cgtcctctcg cctccgcaat 240
tcgcatctgc acaaagtttt ctgcctttc tttgaattcg cgttccactt cgaaatctct 300
tattcactgc atgtccaatg ttaccgccga tgtgcctcct gtatcagaga caaagtcgaa 360
attcctaaaa gcttacaagc gaccatccc gagtatctac aacacggttt tgcaggagct 420
cattgtcaag cagcatttga naaggnanag nagacttaac ggtaagatcc ggttttgcc 479

<210> 6306
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-E9

<400> 6306

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ctatcaatct ttgtacttgg atgttttgtt gttgcaagga ttgcagagga aaccaacgag 120
tttctaactt tgattctcta acaggtgttt tctttggaga tcttgagttt ggacctcaga 180
atcaaagata tataaagatg aatgaggaag aagataaaga tcaagatcga gtaacgagag 240
gatgtagtca cactcatagc tgtaaccctc caggcccaga ggatgcttct cactcccaca 300
catgcttcca cgctcacact catctcatca tctctgatca gcaagagaat gatcattctg 360
acagtagcaa caagaaacgg ttatgtggta atagagaggc agtgaggaag tacagggaga 420

agaagaaggc cccactgca

439

<210> 6307
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-F1

<400> 6307

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tctctccacc ccttcgagat ttggtgcat gatgttgct gctgttttta ggagagcttc 180
cattagaggc tcttcttctg cttcgggatt gggaaaatca ttgcaatcct ctcgtgttgc 240
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tgctcatagc ttccatcanc gttcttgctc anggtgtcca nactgttcaa ggactattat 360
caacggttac caaggnacag ccttgcaaag atgggtcaag ggccttttca actgataatg 420
gggangtctt ggnanctggt gtgcacacat ggggtgaaca tcactgatgg gaccctaacc 480

<210> 6308
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-F11

<400> 6308

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aggcgtcgcg ggtgatgagt caggctgctc gactcaatga agtggtcaca gaggtaagaa 180
gggtccctgt gatccgccct gctctaccat cgcctggcgc atggccgggt ttgagcctta 240
gatgagaagc cgttttctac aatacctaga cacagtggag aatcaatcat acaatgtcca 300
tcactttatg taccgtaaga atacaaatac atgtgtttat gtcgtacctt tgcataanta 360
gtagtttacc atcttatgaa atcgcgatg tgagtctgtt cccaaccgtg ggatacactn 420

<210> 6309
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-F2

<400> 6309

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 aagttacctt gcgtcgggtct angaacctac gcaatggtcg cgacagcgat cgaacaggcg 180
 attaagattg gttacaggca tatcgactgt gcttcgattt acggaaacga naaagagatt 240
 ggtggtgtgt tgaagaagct gataggtgat ggttttgtga agcgtgagga gttatttatc 300
 acttccaaac tctggagcaa tgatcattta cctgaagatg tgcctaaggc actggaaaaa 360
 acgttacagg acttacagat tgactatggt gatttatatc tgatacattg gnetgcgagc 420
 ttgaagaagg aatcactaat gccaaaactg anaatgtcaa aaaaaccng tataactagc 480
 acatgggaan ca 492

<210> 6310
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-F3

<400> 6310

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 angcagtgaac ttccatggct ggcttacgtg gagcatctca ggctgtcctt gaaggaagtt 120
 tacagatcaa cggctcaaac cgtttgaaca tctcangagt ctcggttggg tctcagagaa 180
 ccggacttgt gatcagggct cagcagaacg tgtcattacc atanagtagt cncgggtcan 240
 tgattggnet cntggcggct ggtnagccg gtggttcatt cgtaaagct gttttcgccg 300
 aagctattcc gatcaangtt ggtggctctc cacttccttc cggtggccta cctgnaacag 360

actgatgaag atctacgcat ttgaaattgc atctgggaga aaggtggatg ttttgccgga 300
 gtgccaatct ttgattgaag agctattggc ttcacattca acagatcttc agcaacgtgc 360
 atatgagctt caggtctctc ttgctctaga tgcccgtgct gttgagacta tactcccttt 420
 agatgctagt tgcgaagaca ttgagggtga caaggatctt tcatttctca atggctatat 480
 ccaacaagct atcgagagt 499

<210> 6315
 <211> 434
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A10

<400> 6315

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 gttttgacga cgatgatgtg gatatacggc tccgagatga aaatgccag gacgggaaac 180
 ggttgacgc taaaacattg gaagtaagat ctcatatttc gtaccgctat cgacattctc 240
 taagggctta catttccatg ttatatctca aaaagttcaa aaacttcaaa attattcttc 300
 ggggagtcct tgtggcgcaa ttcaacattg ctgatgaatt cagacatcct gagacaataa 360
 tgtacaaacc ccaagcagct gcagtggatt atgctgccac tggaattaaa gttggattca 420
 tcaaggaggc ccta 434

<210> 6316
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB23-005-Q1-E1-A11

<400> 6316

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 tcctaaaggg cactgttttag ttgcattacc gtttttgatg aagagaacta aagttattga 180

gattgttgct gcaagggaca ttgtttttgc gcttgacat tctggtgttt gcgcagcttt 240
tagtagagag tcgaacaaaa gaatatgctt tttaaagtgt agtccagatg aagtcacag 300
gagcttgctt tacaacaaga acaatgattc tctcatcaca gtttctgttt atgcttcaga 360
caatttcagc tctttgaaat gcaagatcca ctagaattga gtatattctg agaggtcagc 420
cggatgcagg gtttgct 437

<210> 6317
<211> 404
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-A12
<400> 6317

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tgtggcggct cgtcttcttc ttcttcttcc acgggactct ctctgaatcg gtgattttcg 120
atcttcctag ggtttcgatc tgaaaccttg cgatctactt gaaagagaga ttcagaaatt 180
tccaagtaat aataatgttt gcgcctgcna ctcaaccgca acagcaacat gagcagaaga 240
agcattcaga gacngtttca tcnngctgaag aagatgcttt gaagtggaac accgattgcy 300
tttactttct cgcttctcct ttaacctgca agaggggacc tgaatgcgat tatcgccana 360
gtggtgtann gcnngtatn aancccgagg ggaattggct aata 404

<210> 6318
<211> 467
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-005-Q1-E1-A2
<400> 6318

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aagcagaaaag agaactctgg agagaaaaca gctgtggcaa aatctactga gctgaaaaga 120
ctttcttctg atttatcacc ttctgcaggc atggaaaagg ttgtggtacg aagatggagt 180
ggtgctagtg acatgagcat cgatttgga aatgacagga aggatgatac ggggtgatagt 240

ccactgtgca ctccctcgtc atcttcagtg tccaaagatg gaagtgggtgc atcctcaaaa 300
 caatttgtcg gctacaataa naaagancag aatggattga gccatgctgc gaatcctcat 360
 aggaatgagg aagaatgtac ttccaacaat ggtgggtgact ggggaatgga tgaagtanag 420
 tctcaaaaatt caagttctac tttcttacca aagacaaagn ggtggac 467

<210> 6319
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A3
 <400> 6319

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 ttactgtct cttctccatg tgcgtctcct cctcctcgt ttcttcagat cttgctttcc 180
 ggtgacggtt ttaatcttct tctctctggt aacacgtata aagcatggct tacctgatgt 240
 agacatgtag tgtaggcta aagactcctc ttttcacttc tgtcttggtg agtttgtggt 300
 ggtttaaggc tttaagccaa aggcgttggt ggtctgacaa gatggcaatg gcggtgttta 360
 aggctcctct aaaaggggaa tttcatgggg ctagaaagat ggaagggaag catataacac 420
 atctgcttaa caacagtcta cangg 445

<210> 6320
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A4
 <400> 6320

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 tantggaact cangaccttg atacattgca cggtcctttc acatacgagg ctttgccgcc 120
 aacggatata aattttgtac ctttgaagca aacanagagc ttcagggtg acnaacttan 180
 tgaattctac aagtctgata tnaanctgaa aaagtttcta cacataatcg agaattcacc 240

cgtcttcctt gttttatacg acagtaagag aactgtgctg tcattgccac ctattatcan 300
 tgggtgcacat tcagcantta ccttacagac aaagaatgtc ttcattgaat gtactgcaac 360
 tgatttgacg aaggccaaga ttgttttgaa tacaatgggtt acaaccttct caaaattttg 420
 tgccagaaaa tttgagatgg ancngttgaa attacatagc acgaaggga antcctacat 480

<210> 6321
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A6
 <400> 6321

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 gccgctaatt aacgccgtct ctggttgcta ccaccgccgt aaccctaacg gcatttttaa 120
 tggcgtcgtg tgatgacgat ttctctctac ttggagacga tcagtcaaac cctaataaac 180
 atcaccacca ccaccaagtt cttcatcaca cgccctacgc tcctagacga ttcaaccoga 240
 aaccatcgaa tcagatcctt ttaccgcac accagaggaa cggcgacgag gacgacgaga 300
 acgatgtcgt tgtagaagcg tcttctgctt tccacggta cgggtgtaat cttttcacgg 360
 cggacgaaaa ttccaatccg tatgatgata ataacgcagc tgtagacgaa ggacgaagac 420
 gaagatctcg gtgccaacan 440

<210> 6322
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-A7
 <400> 6322

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 ctaatgttcc tgttgtgaca tttgccatgg aaaacaccaa agccgatgtt caccggttaa 180
 agtttgagct ttccttgttt gagacacagg ttttggttaa taccctcaa ggtatactgg 240

agatctcttc gggtttgta ggacggcata acatttataa tattcttgct gctgtggctg 300
 ttgggattgc tggttganct cctcttgagg atattgttag aggtgttgag gaagtcgatg 360
 cagtcccagg aangtgtgag ttgattgatg aggaacaagc tttgggtgtt attgtggatc 420
 atgcaaaaca cacctgnatg gcttgncaac ggctgccaaa atccaat 467

<210> 6323
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-B5
 <400> 6323

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 tccatctcct taaatctccc caatcctacg ccgcgaaacc cttttaccct tttccacgtc 180
 tctcctcgt caccggaaac aaccaccaca atcacaancg cctccaaaat ctaccactgt 240
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 ccgatcctct cgtaaaagga agtactcctg ttcaccgatt ctcatctctc aattccgccg 360
 ccgtgttctt cctcttctc atcatcgcca ttacaatct cctctccgga ttaanctccg 420
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<210> 6324
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C1
 <400> 6324

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 gtgaccttga agcagaagca taaggtcctg aaaaagggtga aggagacca caagaagaag 180
 gcaaaggatg ctaaaaagct tggccttcac cgtaagccaa gagtagagaa agaccaggt 240

ataccaatg actggccttt caaggaacaa gagcttaaag cccttgaagt tcgacgtgcc 300
 cgtgctcttg aggagattga acagaagaaa gaagctcgca aagaaagggc caaaaagagg 360
 aaacttggtt tggttgatga tgaggatacc aagacagaag gagagaccat agaggactta 420
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 aatccattga 490

<210> 6325
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C4
 <400> 6325

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 gcagaagcag aagtcgaagt agaagtcgta gtcgggatcg gtttcgtagt cggagtcgga 180
 gagacaggag aatgagatct gaacgagttt cttaccatga tgctccttct agaagggaga 240
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 naaactgctc tt 492

<210> 6326
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-005-Q1-E1-C5
 <400> 6326

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gtaccgagtg ttcctgcagg gcttttcttt tcttacaact ctacattggg tcctccttac 240
cgtgttttgg tggatactaa cttcatcaac ttctctatcc agaataagat cgatcttgag 300
aagggaatga gagactgtct gtacgcaaatt tgcactcctt gtatcacgga ntgtgtcatg 360
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acttcganag actaccttgt 440

<210> 6329
<211> 487
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-E2
<400> 6329

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cagcctccat atatgagtta tccgtcttac tacaatgctg ttccccctcc aacacctcct 180
gcaccggcct cgtctactga tcattcccaa aacatgggta acatgccatg ggccaacaat 240
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aaacctccag tacagcctcc tgcagagaat ccacacctg ttggagagtc tgagtatgag 420
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<210> 6330
<211> 483
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-E3
<400> 6330

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6329 487 6330 483

cgagctcagc tcatggtcctt tctacagagc cggaatagct gagtttatcg ctactttcctt 180
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 ttctgttgga atccaaggta tcgcttgggc ttttggtggc atgatctttg ctcttgtcta 300
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 gtg 483

<210> 6331
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-F11
 <400> 6331

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 gatccagcct taccacggta atcaaggcgg tgatttcagg agctatagcg catcgtangg 180
 gacgagggag aacaatatat acgatgtgaa aaaggagaaa tcgatagcaa gatccaagtc 240
 ttggggaata acggatccgg agtccagag gaagaaacgg gtcgagagtt ataagatgta 300
 tgggtgtgaa ggcaaagtca aaggctcttt tagaaccagt ttcaagatgg ctttaagcaga 360
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<210> 6332
 <211> 494
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6332

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aaaccctagc tcatcatctt ctactaacaa tctctatcct tctctcgata tgaatgatct 180
cgctcgtaat ctcttccctg aacaaccaga gacgagttct attccggttt cagctcctcc 240
cgctgcgacg gaggaagtaa ttttgaaaat ctccggcgcg attcttcatt taatcgacaa 300
atcttacagc gtcgagctcg cttgcggtga tcttgagatc atccgtattg ttcaaggaga 360
gaatgttgtc gctgttctcg ctagtgtctc cgatgagatt caatggccgt tgactaagga 420
tgagaactct gtcaaggctg atgagtctca atacttcttc acgcttcgct ctaccaanag 480
agattcacat gatt 494

<210> 6333
<211> 446
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-F7
<400> 6333

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tctataaggt tcttgaagtt gatcgaagtg ctaatgacga cgagcttaag aaagcttanc 120
gcaaactcgc catgaaatgg catcctgata agaaccctaa caacaaaaaa gaagccgaag 180
ctaaattcaa gcagatctct gaagcttacg atgttttgag tgatcctcag aaacgagcaa 240
tctacgagca atacggagaa gaaggtttaa accaagcccc acctcccggc gccggtggtg 300
gctatcctgg aggatcagac gccggagctt ctttccggtt caatcccaga agcgctgatg 360
atatcttctc cgagttcttt ggtttcacga ggccttcttt tggtaggga agcgactcac 420
gcgcaggacc ttctggcttt aggtat 446

<210> 6334
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-G12
<400> 6334

ttccagaggt cgaccnccc gtccgaacat attacctgg gttgtgtgag ccagtttctc 60

aagggtggact tggatttgat tattatgtga atctttctgc gtcagaaatg tgggtttctc 120
 tcctcgacaa tgtaccggat aatgaatgga gcatgagcaa gattgtcagt acattgggtg 180
 ctaacaaaga gtatgcagac aagatgctca gctatgccga aaatcacaac caatccatat 240
 caggagggcg ttcatttgct gaaatcttat tcggtggagt cgataatggt tctcctggag 300
 gaaaagaatt gctagacagg ggaatttcac tacataagat gattagactg attactttta 360
 caagtgggtg ccgtgcatac ctcantttca tgggaaatga anttggacnt ccngagaggg 420
 ttgagtttcc aacgcagan 439

<210> 6335
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-G2
 <400> 6335

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 atgctttggt tgggagtttt ggtacttgat gggttctggt tgttggtacc ggtctccttc 120
 ctaaccggtt gataccagtc gatgccatct ccatttgcat gaatatagaa ggggtggactg 180
 ccatgatttc gatcgggttt aacgctgcga ttagtgtgag agtatcgaat gagctgggtg 240
 caggaaacgc agcgtagcc aaattctcag tgatagtcgt ctccataact tcaactctta 300
 tcgggatagt gtgcatgatt gttgtcttag ccacaaaaga cagcttcctt tatcttttca 360
 cttcaagcga agctgtggca gcagaaacca cgagaataac cgtcttggtg ggcttcactg 420
 tcctcttgaa cagcctccag cccgtcttgt caggggggtg cggttggagc cgggtggcan 480
 gctctggttg catacgtg 498

<210> 6336
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-G5
 <400> 6336

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 cgcgggcggtg gaagaggtgg tccgagaggt cgtgggtcgcc gtgcaggtcg tgctccagag 180
 gaggagaaat gggtgccagt gactaagctt ggtcgtctcg taaaggaagg taagatcaca 240
 aagattgagc agatctacct ccattctctc ccagtcaagg agtaccagat catagattta 300
 ctcgtcggtc cttcattgaa agacgaagtg atgaaaatca tgccgggttca aaaacaaacc 360
 aganccggtc agagaacgag attcaaggcc ttcacgtcg tcggagatag taacggtcac 420
 gtcggattag gagtcaatgc tccaanga 448

<210> 6339
 <211> 442
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-G9
 <400> 6339

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 aaacattaat acacacacca aaaaaaaacc tgtttatgtc caaaagatct ctgattcctc 120
 aattcttctt cnatagcttt tgggtctccat tctcatctct taatctccag tgagatcagc 180
 tccaattcta actggtctct ctaaataaaa aacagaaata aaaatccaac ctttttcaat 240
 tttcgttcaa ttttcccgga aaaaaaagcg atccttttga tttttcgatt tctccaagta 300
 acaattcaaa atgggtctaa aggggttttgc tgaaggagga atancttcga ttgttgcggy 360
 ttgttcgacc aaccgcttga tnnaacaagg nccgaatgca acttcaaggc gaatcagctc 420
 cgattcaaac aatctccgaa ca 442

<210> 6340
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-004-Q1-E1-H10
 <400> 6340

tgtnnctaaa ggatcagaaa gctcatctgg caatctcaaa agtgctcaat cttgctagta 60

ttcttaatga gccttctcta ggggaatgga cttccagagc tgaattatgt gacaatttac 120
atgtgccggt gagaatcgct gttgtgggga aatatacagg cctctctgat gcttatctct 180
ctgtcttaaa ggctctctta catgcttctg tggcttgteg caaaaagctc gtagttgatt 240
gggttccagc ttgtgatctc gaaaaagaaa ctgagaaaga gaatccagat gcgtataaag 300
ctgcttgga gttgctaaag ggtgtagatg gaattcttgt acctggaggt tttgggtgat 360
agangagtgg aagggaagat tcttgctgca aagtatgcac gttaaaacaa aatcccgttc 420
tccggttaatt g 431

<210> 6341
<211> 483
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-H11
<400> 6341

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gagagtgact ttttttgttt gcctttgtta atggcttggtg tgtgagattc attgaatttt 120
ttgaaaattc tgacgaataa aaaccatata taccaatcac aaaccctaga tttttgttat 180
cttcttcata cgaagattct ctttgatctg tgtctccttc cttctgattc tcccatttca 240
tttcattgat tcttttgatt cgattctatt cgagctcaat tttgtagatc agaaccacaga 300
atcgaatttg ggataacttg aacaatatcc ttggtaactt gttgatctga atttgagtga 360
agaagacatc gaattcaagt ttgggtgtggg agattttttt taatggagtg atgatgattt 420
aaaggggaag gtaaggaac gatgactgga ttgggtgttc catcaagtac caangttcct 480
gga 483

<210> 6342
<211> 429
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-004-Q1-E1-D7
<400> 6342

aactngccgc gcacaggtaa nggtatagaa ttcccggccg gaacccttaa gaanagtctt 60
agcaataccg ttgccgttag ccagggtgaga atccttaagc gcggcgaaga aatccccaag 120
gagacttcag atctggttgt ggaaatgtca gatctgggat ctactcgtcg gattggacca 180
gatccggggtt tgattccggg tcagatccgt ttatctggcc gcaaactgaa atcagcaccg 240
ttttacgccg gtcctgtgac catgacctcg ccgcctccta gcgatgtccc gcttcagct 300
ttcttcacga agaaggcaac anatgatcnc atcatcgatc cttcgcttag acatcgctg 360
acggtgtctg tcaccgatca tttntgattt ttttaannatc tccgangatc caaatggta 420
ccanagttg 429

<210> 6343
<211> 457
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G5

<400> 6343

acgcgtccgc ggacgcgtgg gcggggaacc cggttctagt acctccgcc ggtatcctcc 60
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cgattgggtc caagetcaac aaaactggaa tctcactcgt gtacgacaca atcgacttta 180
aaacatacga gaaacttgac acattgttgc accgagttcc caaactgga atgtgggagt 240
gtgttgactt ttaccgggtg tctaagactg cgggcaatgg gcttgacaca tcggtcaatg 300
gaccggatgt gaagcatatc gtgaaggcta acatggacga cacgaggttc gatnattatg 360
ctgtanggca cgtatttcga ttcaaacgga acatggnttc ccgatgatcc aactatcgan 420
gttgggaatn actgccaan ttaagatatg attacgg 457

<210> 6344
<211> 457
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G7

<400> 6344

6343-6344

acgcgtccgg tcggaattgg tgcttacctt gcccgactgg gcatgaggtg catacagaga 60
ctaagaccaa ccgatcatct tgaccggctt ttctacactc aacaagctgc ttggacgtga 120
ggcttatagc tctcacatgc aacttggtgg cccaaaaatc atggggacaa atgggtgttgt 180
tcatcttaca gtctcagatg atctcgaagg tgtatcagca attctcaact ggctgagcta 240
cattcctgcg tatgtgggtg gtcctcttcc tgttcttgct cctttagatc caccggagag 300
aactgtggag tataatccaa gagaactctt gtgaccacg agctgctata gctgggatta 360
acgataatac tggtaaattgg cttgggtgggt aaccttgata aaaatanctt tgttgagact 420
cctgaaagct ggggcaaagg acngtagtga ctggtaa 457

<210> 6345
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-G9

<400> 6345

acgcgtccgc aaaacttttg atcccaaatt caacagatat ctctgaatct atcgcttcca 60
aggggttttct ctagcttaat ctcatattcg aatcggtcca tagtgatact atgccgaaga 120
acaagggaaa gggaggaaag aacaggaaga gaggaagaa cgaagcagat gacgagaaga 180
gagagcttat attcaaagaa gatggacaag aatcgcaca agtccttcgt atgcttgga 240
atggaagatg tgaagctatg tgtatcgatg gaaccaagcg tctttgccat atccgtggta 300
agatgcataa gaaggtttgg attgcagcag gtgatattgt gcttggttgg ttgagggatt 360
accangatga caaagcggat gtgaccta agtncatgtc tgatgangnt aaggctcnta 420
aaggctaagg tgaacctcca 440

<210> 6346
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H10

<400> 6346

6347-6348

cccggaaacn gaatcgcggg tcgacccacg cgtccgcaca gagctgacgt tagcatttgt 60
ctctgaaatc ccagatccga aaacccaaca atggcgctcag agaacaacgg atccagatcc 120
gattccgaat ccatcaccgc tcccaaagct gattccaccg tcggtgaacc gaggaagata 180
gctctgatca ccggaatcac cggccaggac ggatcatacc tgacggagtt ccttctcgga 240
aaaggctacg aagttcatgg tctgatccgt cgatcatcga atttcaacac ccagcgaatc 300
aaccatatct acatcgatnc acacaatgtc aacaaagctc tgatgaaact ccactacgcc 360
gatctcaccg acgcttctc tctccgtcgt tggatcgatg tgattaaacc ctgacgaagt 420
ttataaccta nctgctcaat ctcacgtcgc tgtctccctc gaagattcct gga 473

<210> 6347
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H11

<400> 6347

acgcgtccgg aantccgatc accgatcgat atcgacggac atgggacgca cacgtcatcc 60
accgtagccg gcgttttagt cgcaaacgcy agtctctatg gcatagcaaa cggcaccgcc 120
cgcggcgccg ttccgtcggc gaggttagcg atgtacaagg tttgttgggc gagatccggc 180
tgtgctgaca tggacatact cgccggattc gaagcagcga ttcacgacgg cgtagaaatt 240
atctccatct ctatcggcgg tccaatcgcc gattactctt ccgattcgat atccgtcggg 300
tcgtttcacg cgatgaggaa aggaatcctc acggtggcgt ccgcgggtaa cgacgggcct 360
aactcaagaa ctgtaacgaa ccatgaaccg tggataatga cggttgctgc aantgggaac 420
cattgggacg ttcaaaaa 438

<210> 6348
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H12

<400> 6348

gaccacgcg tccggggaga atcttgcttt gcaaaaggct gcttttggtc cgcaacctga 60
gagtataaat gacacaagct atttcgtatc acgctttagt gaaagcagtt gcagcgatac 120
tgaaactggt aacaacagtg ggtcaaatec agattcagga gacgagttgg atgaatgcac 180
caacctggag aagtttgatt ctccgcctta ttatctctcg ctcattaact tttctttcaa 240
gaatttgta caattggctt caatcaatca tgatgtgcta ttgcaaaagg atccagctaa 300
aggaggagga gactcaccct ttaaaagcca tggaacgtaa agctctccta caaccgtcaa 360
angtggcctt agtccgctgt tttccctggg ttgcgccttg ctttgaccgt ttgtaactgc 420
tgctgccaac taatgctga aaattgtaac tc 452

<210> 6349
<211> 470
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H2

<400> 6349

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tgtccgcctt ggtaaaatcg tggcaggcaa ttcccgggaa atggactttg acagtttcct 120
cgattttggt cttgctttgg agaacaaaga tactccagag ggtttgacgt atttattccg 180
ttgccttgat ctccaaggga gaggctttct cactactgct gatattcact ctcttttcag 240
agatgttcac cangaaatgg atagaagggt ggaactatga actgtgcata gaagatgttc 300
gagacgagat ctgggacatg gtgaaancgt ctgaccatt aaagattact cccgggggtga 360
ttcccttggg aangttaaca aaggnggaaa ccntttccaa ncnatgctta aaaanttgcn 420
tggntttctg ggnnnaagna aaanccttag aaaccttctt caaaaanaaa 470

<210> 6350
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H3

<400> 6350

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 gtttgaaagt catccgcttc tttccccggc acccgcaagg ccaacaacga cattacttcc 180
 atcacaagca atgggggaag agttagctgc atgaaggtgt ggccaccaat cggaagaag 240
 aagtttgaga ctctatctta cctccctgac cttactgacg tcgaattggc taaggaagtt 300
 gactaccttc tccgcaacaa atgggattcc ttgtgttgaa ttcgagtttg gagcacggat 360
 ttgtgtaccg tnagcacngg naacactccc nggntactaa cgatggggccg gtactggnca 420
 atgtggnaac cttccaatgg ttccggatgc aaccgaatcc gctcaaattt ttgaaag 477

<210> 6351
 <211> 463
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H4
 <400> 6351

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 ctcttatcct tttaccctca tcactctcca ctatttacag ttttgccact ctgactttat 120
 gctagcttct tccggtgact ggcgataaca cgagagagcc ttcgccttct ccaagcttca 180
 tactcttccg acgataaaga ttagaagaca tgaagaacgg taaccggaaa acaacgccgg 240
 aaacagagaa gtctcaccgg agaaagttat cagagaaagc gatgtcgttt cacggnagag 300
 gaacaacgcc gttatcaaat ccaggcgagc ttcgaagacc gaanacgta ccggagttat 360
 tctccaccgg tcaaagcatc accgttaccg gagaacggtt taacttccgg ccacgttttg 420
 acgaaacntt tacttaacgn gacggtacaa agggaaanttt aag 463

<210> 6352
 <211> 433
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H5
 <400> 6352

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attctcctgc ctcaccggag actgcggaaa ccgcctggaa tgcaacggc tcggcggggc 120
accaccagct tctctagctc agttcgacct ccaccacggt ggtcaccacg acttctcctc 180
ttacggtgtc tctctcgttg acggttataa tgttccgatg accgtgactc ctcacgaagg 240
ccatggtgtc tgtcctgtcg ttggttgctg tgaagatcta ataaaaacgt gtccgggtca 300
tcttcangtc cggtcacaca agtggacacg tgggtggcttg taagantggg tgtgaggctt 360
tccatacaga cnagctgttg ttgtcgtggt cantanaata anccctaaca cntttaaac 420
tccagncaat cct 433

<210> 6353
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H6
<400> 6353

acgcgtccgg agatagttgt gacagagaga ttcattggcg aagcttgcg agtgagaagg 60
atgaagctgg gaagccaagg ccttgaggta tctgcgcaag gccttggttg catgggcctc 120
tccgctttct acggtgctcc caagccggaa aatgaagcca tcgctctcat ccaccacgct 180
attcactccg gcgttactct ccttgacacc tccgatattt acggccctga gaccaatgaa 240
gttctcctcg gaaaggctct caaggatggg gtgagagaaa aagtggaact tgcgacaaaa 300
tttggnatca gttatgcana aggggaaaaa acaaggctat aggagatctg aatatntaag 360
ggcgnctttg tnaaggcaaa ntttaaanag ggtagtttat tgcnggntt cnttttcaa 420
taacaagaan cggtaaaaa 439

<210> 6354
<211> 463
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-H8
<400> 6354

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 ctcttatect tttaccctca tcctcctcca ctatttacag ttttgccact ctgactttat 120
 gctagcttct tccggtgact ggcgataaca cgagagagcc ttcgccttct ccaagcttca 180
 tactcttccg acgataaaga ttagaagaca tgaagaacgg taaccggaaa acaacgccgg 240
 aaacagagaa gtctcaccgg agaaagttat cagagaaagc gatgtcgttt cacggnagag 300
 gaacaacgcc gttatcaaat ccaggcgagc ttcgaagacc gaanacgtta ccggagttat 360
 tctccaccgg tcaaagcatc accgttaccg gagaacggtt taacttccgg ccacgttttg 420
 acgaaacntt tacttaacgn gacggtacaa agggaanttt aag 463

<210> 6355
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-H9

<400> 6355
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 cgtatttgaa gggtagcagc gtcaatactg cgagctctca accaatctct ctagaaaatg 180
 tcactctgca tcggttctct ccaacggaga ggagaagaag gggaagattg ctgagatcaa 240
 gtctggaata gacgaagctg atgtcttgat ccggaaaatg gatcttgagg caagaagttt 300
 gcagccgagt gctaaagctg tgtgtctttc taaactaaga gagtataaat ccgatctgaa 360
 ccaattgaag aaggaattca aacgaatctc ttccgcaaat gctaaaccgt cctccccgtg 420
 aaaganttta tgggaacccg g 441

<210> 6356
 <211> 508
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-G4

<400> 6356

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 caatggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnng accaatcacc aaaagaccct tacctctctc 240
 tccgtcgtct cgctgaatcc tcaatcgcta gagtccataa actcaaacac ggcacctcaa 300
 taaaacccga cgaagatgct ctctcctcca ccaccaccgc atccgccacc gtcgtgaaat 360
 ctctctcttc tgctaaaagc tacggggcgga tactcaagtc tctctnagct ttnggaaaac 420
 gtcgcaaaca atcccaattc gttttcgaaa acnggaaaca attcccgttt nggggaacct 480
 tggtnccctca aagatatctc cgntccgg 508

<210> 6357
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E10
 <400> 6357

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 tgagttcata agattccggt atcgtcttcc tgattcctcc aaatctccgg cgaatttgca 180
 ctctttacct ctctttgact ccgtgagatt cgaggattgt tagtttcttg tgatgtgtag 240
 tctttgaagc aggggatttt tattgtattg aggaagaaga tgggggtttga gccgttggt 300
 tggatttgca agccggtgcc gaatggtgtg tggactaaaa ctgtggatta tgcgtttggt 360
 gcatacacgc cttgtgctat tgactctttt gtgcttggtg actcccatcc ggttctgttg 420
 attctgtgtc cttaacgctt gtggctcatc acnaaggntt acaaagtgn taagttttg 479

<210> 6358
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E12

<400> 6358

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 gcaactaata accgtcccac gaacaaaacc ggcttctgtg ggctagtcgg taaacaagta 180
 gacagcattg agtattacac tgagctaata aacgagtcgt tagccaaact ggaaacagag 240
 cagaaagcgg ttcttgctga gaagcagcaa accgcagcag tggttttctt cacaaccagg 300
 gttgctgctg catcaagcag ctgagtcctt gcactgccag atgggttgata aatggactgt 360
 gacccgaagc tcctgaacca cggnaagctc ctaaggcaag aatctcaaca tcaaagctcc 420
 tcaacaagaa taatccggca atact 445

<210> 6359

<211> 484

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-E3

<400> 6359

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 accttctttt agatttggtg ttttttaata agttgaatcg gaataaaaata tcgcatcaga 180
 gatgagtaac gagcttctca ccatcgatcc tgtcgacctt caattccctt ttgaattgaa 240
 gaagcagatc tcttggtctc tctatttggg taacaagacc gataattatg tcgccttcaa 300
 ggtaatttc aatttttgaa ttggatatat attcttttgt gtatatctta atgttttcaa 360
 gggtaatta ttttttaaag gtttaagacga cgaatccaaa agaagtactg cgttangcct 420
 aatactggtg ttgggttcanc ccagattct cctccngaaa gtttttagtga ccatgcaagc 480
 tcaa 484

<210> 6360

<211> 458

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E4

<400> 6360

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nnnnnagaaga aaatttccat tgttcgaaac aggagttaca atgaaacaga ggaagaacag 180
taatctctca atcttcgtcg tagtcttctc tgttttcctc ttcgggatct tcatgtacaa 240
tgaagacgtc aagtccatcg cagagtttcc tttctccacc tcaaaacctc acgacgtcca 300
cgacgaaagc gacaccgatn acaagagatn acaacactac cggttcaaga gtcgatnaag 360
aactcagacc caattcaggg aatcgnttaa aaacgnannn ccnagttcaa gattccantt 420
aaggacgttt ccaaaaccag tttcaagaag gngggggtt 458
  
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<210> 6361
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-E5

<400> 6361

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ctctgccgga gtttcaaaag ccaacgaaaa acgaactcta tccccgtcgt ctcacgccgt 180
gctaagatcc tcatgcagct ccacgcgtta ccctgagctc tgtatctctg ccgtggtaac 240
tgccggcggc gtcgagctaa cgtcgcaaaa agatgtcatc gaggcacggy tgaacctaac 300
aataaccgcc gtggagcaca attacttcac cgtgaagaag ctgatcaaga agaggaaag 360
actgacgccg cgcgagaaga cggcgcntca tgactgtttg gagactattg atgaagacct 420
ggacgaactc caagaaacgg tgggaagatn tccaat 456
  
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<210> 6362
 <211> 452
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB23-002-Q1-E1-E7

<400> 6362

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gcggatctca tcaaaagggg gttggctgag gaagataaga ccgcagaaca tggagtacgt 180
ctgacgatac cagactatcc atttgcaaatt gatgggtctaa tattgtggga tgcaattaaa 240
gaatgggtga cagactatgt gaaacattac tctctgatg aagaactgat cacatcggac 300
gaggaactcc aaggatggtg gagtgaagtg cggaacatag gccacggaga caagaaagac 360
gaaccttggt ggcctgtcct caaaacacaa gatgacttga ttggtgtggt aactacaatt 420
gcatgggtca ctcaagggtca caatcaactt ta 452

<210> 6363

<211> 445

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-E8

<400> 6363

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ctgcagaagc ttaaagactc actagccata gcacttgtcc atttctatcc tcttgcaggt 120
cgtctctcta ctttgaaaac cgacaattca agatctcact ctgtgtttgt ggattgtaat 180
aatagtcttg gtgctagatt tatccatgct gaatcagatc taagtgtgtc agacattctt 240
ggatccacat atgttccttt gggtgttcaa tctctctttg atcatcacia agcattgaat 300
cgtgatgggt acaccatgag tctcttatca atcaaggtaa cagaactggg anatggagtg 360
ttcataggat tgtcaatgaa tcattccctt ggaaatggaa nttcctcng gaanttctca 420
aatccttggc cgganatttc aattc 445

<210> 6364

<211> 444

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-F10

<400> 6364

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tcaaattgatc ctgttgattg gatggatcag ccgtctgctg gccttgctat ccagggactt 180
ttgagtcata tcttagtgga agattattca gatatccaaa agaaacttgc tgatagcaat 240
tctacaacta acggaaacaa ggatgcagaa aacttagtgg acaagcttga agacaatagt 300
aaggcaggtg gtgacgaatc tgagatagat tcatcacagg atgaaaaagc aagaaatgtg 360
gtggcgtttt acaagctgga gatgataaag aattcaactt atcacaacac aaagggggat 420
taagactgaa attnaagggt ggaa 444

<210> 6365

<211> 495

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-F12

<400> 6365

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tcaaacggca tatttttccc tctcgagaga gcgataatgt 'ggaaactgaa gatcgcgga 120
ggaggtagtc catggcttag aaccaccaat aatcacgtcg gaagacagtt ttgggagttc 180
gatccgaatc tcggtactcc tgaggatctc gccgccgtcg aagaagctag gaagtctttt 240
tcggataatc gattcgtgca gaaacatagc gccgatctgc ttatgcgctt tcagttttca 300
agagaaaatt tgattagccc agttttacct caagtcaaaa tcgaagacac tgatgatggt 360
acagaggaga tgggtggaaac cacgttaaag aggggtctag atttctaate aactatacag 420
gcaaaacgaa gggcactggg ccaagtgaat taagggtggg cccaangttt centcccccc 480
aaagaactgg anaaa 495

<210> 6366

<211> 439

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB23-002-Q1-E1-F9

<400> 6366

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tgaagatgat gacgatgac tctcgctttc gtcagattcc gatatcgctg aagctcttga 120
ttggctagac ggtaaagacg atgacgagct aattgggtgt ggcttttctc ttcagtctcg 180
tcgtcctaata gctcacgggtg gacatgggtc acgccctaac tctagtgtc ttcagcctat 240
ttcaaataag gccagaagc ttactagtca cgttcgtgct tctcctttgg agggatggga 300
aggaagagtt aaagttggga tgtcgaattc tgtgacaact gcgattcgtg gaagtcttaa 360
agatacaaga aattgggaga agtaggaata ctgataaagc ggaccgggca actgttgaac 420
aagctcctga ttcaaagga 439

<210> 6367

<211> 190

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-G11

<400> 6367

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnna acggaaaaca tattgaggat gcgaataaaa 120
gattactgcg tttgattttc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnng 190

<210> 6368

<211> 445

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB23-002-Q1-E1-G12

<400> 6368

acgcgtccgg cttcatcacc ttctttctag tctctctctc tctcttcacc gcgtacacag 60
taacacagac cttttttccc tcttactcaa gggtctctctt tgtcatcttg ttgccgaatc 120

cacaaagagg agaataaaga ttcgaccttt attagatatt aacgactctg gatttttggg 180
 tttttggagt tggatccaca tgggttctta tccggatgga ttccctggat ccatggacga 240
 gttggatttc aataaggact ttgatttgcc tccctcctca aaccaaact taggtttagc 300
 taatgggttc tatttagatg acttagattt ctcatccttg gatnctccag aggcatatcc 360
 ctccnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntgtacaagg agatctgtta 420
 acatccntca tccgatgacg cctga 445

<210> 6369
 <211> 393
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-G2
 <400> 6369

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 tctccggagt tgtattttta ctctttgtc ggaggtaaaa tggctcagtc gtcgttggtg 120
 gcggcgccgg ggagaagcgg aagggttata ggcgattatg cgggtgggtcg acaaactcggg 180
 tcggggtcgt tttccgtggt ttgggaaggg aggcatcttg ttcatggcac cgtcgttgct 240
 atcaaggaga tcgctatggc tcggcttaat aagaagttgc aagagagtct catgtcggag 300
 attatcatct taaggaagat taatcatcct aacatcattc gctttatcga catgatcnag 360
 gtcgccggga agataaattt ggggggttggg gta 393

<210> 6370
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-G3
 <400> 6370

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 caacagagct ccgttgagct tgaacgggtc angatcanga gctgtatcag cccagcttc 180

tttaggttgg attggtggtg tggttggtct tcttattgct actgcaatct ctctttatgc 300
 aaacactcta atagctaagc ttcattgagtt tgggtggcag aagacacatt cgctatagag 360
 accttgctgg attcatttac ggtaaggaag gcttaacaac ctacatgggg gaattgcaat 420
 aaggttaatc ctttcangaa tttaaattgtg ggttccatta 460

<210> 6375
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-B8
 <400> 6375

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 gcatttgccg aagttctaga atcagtcatt tccgtggcgg cttctctaaa cgaagaagcg 180
 attcaacaag gtctaagtcg atgcgattga ggtgttccct ctctccgatg gaatctgcga 240
 gaattaaggt gattggtgtc ggtggtggtg gtaacaatgc cgtaaccgg atgatttcaa 300
 gcggtttaca gagtgttgat ttctatgcga taaacacgga ttcgcaagct ctgttacagt 360
 cttctgctga gaaccactt caaattggnn aactttaacn cttgggcttg gacngngggg 420
 aaaccggctt ctgngggaaa a 441

<210> 6376
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-B9
 <400> 6376

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 caacaacagt gacgtcattt tccgatcaaa gttaccgat atttacatcc cgaaccacct 180
 atctctccac gactacatct tccaaaacat ctccgaattc gccactaagc cttgcctaatt 240

tcttcttcaa taacttaggt cttgggtttca taggcttcaa gtacttagat tgaaatctaa 300
ccatctcttt caaaacacta atcagcttcc tctctatttc ttcaccgtca ggttcaatag 360
ctcctaagca ccgtgccaca acctccgccg tagttacaca tcctccgaat gggtcctcc 420
ttagcacaag ctctg 435

<210> 6379
<211> 436
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C12
<400> 6379

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cagaatggct aggcagtgc ttagatcgctg ttgctattgc tactttcata agtctgtcca 120
tggatatacct gctggcctat attcatctct ccgggtgcaaa aaagtcgatt gtcacagcat 180
tatgcattat cactgccctc tctcttgctc ttgtatcttc tgggtgttctt cctgcattta 240
ctgaggatac tgcaagagca gtaaagttag tacatgttgt ggatacaagc gggcaagatc 300
aagtggcggt tatatcacta ttctcaaaca ctctggaaa cctaaacatg gaagcagagc 360
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agctaaatac aattgt 436

<210> 6380
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C5
<400> 6380

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cttctctttc tcaaactcag actctcaata acacaaaaac ccagatcttt ctctctcttc 120
accacaaaaa aaaatcgaaa ctttattttt gcttgatgaa gagcaaaatc caccaccagc 180
ccaatggtag caacaatggg gttgtttcaa gtaacgataa tggctgccga agtgagtctc 240

caagcccacc tttatctcca aaccgccgtg tcttcgctcg tcaacggcgg caaactttac 300
 tcagagcttc ttctttctct ctccggagaa atcttcgtta cttgcttctc cttcctatga 360
 tttacgcttc tggggcttct catgtgtgtt ggtcctttct ctggtcctgt cggatgggtt 420
 tatgttcccc ggtcngttta acgggggccc cgaga 455

<210> 6381
 <211> 461
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-C7
 <400> 6381

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 taacacttac aaatccggag ctgtagcttc ttctttgtc tcagttcctc gttcgtcgtc 120
 tctccaatth cgctcacttg tgtcagattc tacgtcgatt tgtgggtcaa gtaagttcac 180
 cggaaaaaac agaagagtat cggttaccgt ttccgccgcc gcaacaactg aacctctcac 240
 cgtcctcggt accggtgccg gtggaagaac aggacaaatt gtgtataaga aattgaagga 300
 gaggtcngag cagttcgtgg caaggggttt agtgaggaca aanggagatt aaggagaaga 360
 tcaatggaaa ggatggaatt atccattggg ggatataana gaatactgca tcaaattggc 420
 nccngcngtt gaaggggatt gatgctttgg gcaatcctaa c 461

<210> 6382
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB23-002-Q1-E1-D12
 <400> 6382

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 gttccggtac agagacttcc aattaaagtg gttcacctt ctctgtatcg gtgtaacaat 120
 tctgtctcaa tcagacgttc aatttcaggt ttgcatgg acaggaagat aaactttagg 180
 gtcctgcgc aattctcgat ccgagctcaa cagtcggatt tgaaggaaaag cttagctgtg 240
 tcttcttcat cagtagagga taaaggaaat gttcttagaa tcaaggaaatg ggaagtagag 300

atgtatcagg aggaattaag ctattaagtc aaggtattag gataaggaga aaaccaccaa 360
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 atcccccccg taatatcc 438

<210> 6383
 <211> 511
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-D4
 <400> 6383

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 agaggtacca aagtgaagtt caaggagaaa gaagagatgg aaagactgac tacaggggcaa 180
 ggatccgtct tatcaaccaa gacaagaaca agtacaatac tcctaagtat cgttttgttg 240
 tccgggtttac caacanagac atagtggcac agattgtatc tgcaagcatt gctgggtgaca 300
 ttgttaaagc ttctgcttac gcacatgaac tgcctcagta tgggtctcact gttgggtccta 360
 caaactatgc tgcagcttaa ctgtactggg cntcctttgg ntccccgtgt tttaaaaaat 420
 nttgggaaat tgggtngncc aatttttnag ggnaancntt taagggccct gggngaaaaa 480
 cntttcngt ttagcccaaa cggaattcaa a 511

<210> 6384
 <211> 466
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-002-Q1-E1-D5
 <400> 6384

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 ccgcttcacc tgggaaaaaa cggataaca tcgtctgct tccccggagac ggtatcggtc 180
 cagaagttat ctctgttgct aagaatgtgc ttcagaaagc tggatctctc gaaggactgg 240

aacgcttctc tgaagaagaa tcagaagaaa ccgagaatac gacgaattca tcaaacgcgg 300
tattcggatt ccctaactta ccagaagaac cgaatcgccg atatgggatt aaagcgtttt 360
gttgcanaaa ccgggggttc ggattaccan atgggggnaa gaattccggg gaanntttcn 420
ttaaaagagg gggaancggg ttaaacttcn ttggggcggt ttggttattn 470

<210> 6387
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-011-Q1-E1-C2
<400> 6387

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caacgaagaa ccctagaaat cgattaacaa gatgaatagg gaaaagttga tgaagatggc 120
taacactgtc cgactggcg gaaaggggac agtaagaaga aagaagaagg ctgttcacaa 180
gaccactaca accgatgaca agaggctcca gagcactctt aagagagttg gagtcaattc 240
cattcccgcc attgaagaag ttaacatttt taaggatgat gtagtcattc agttcattaa 300
ccctaaagtt caagcttcaa ttgctgctaa cacatgggtt gtgagtggta caccacagac 360
gaaaaaattg caaggacatt cttcctcang attatcangc caacttggnc cagataactt 420
ggacaacctg aagaagctag caagagcaat tccaganaca aagctccaag tgnagggt 478

<210> 6388
<211> 446
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-014-Q1-E1-A4
<400> 6388

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tttgaagtac acagaaggcc tttgttgggt catgcattac tacatggaag gtgtttgctc 180
ctggcagtggt ttctatcctt accactatgc accattcgct tctgatctga aggatttggg 240

agagatggat attaagttcg aattaggaac tccttttaag cctttcaatc aacttcttgg 300
 ggtgttccca gctgcaagtt cgcattgact tccagagcgc tacaggacct tgatgacaga 360
 tcccaactct cctatcattg atttttaccc aactgatttt gaagtcgaca tgaatgggaa 420
 acgtttttcc tggcanggta attgct 446

<210> 6389
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-014-Q1-E1-E1
 <400> 6389

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 tatccgtacg aaaatggacg gtgttaccgg cggaggaacg aatatcggcg aggctgtgac 120
 ggcgccacca ccgcggaatc cgcattccagc gacttnactt aatgcgaact ctttaccgcc 180
 ccctttcctt agcaagacgt atgacatggg ggaagatccg gcgacggacg cgattgtctc 240
 atggagtcgg acgaacaata gcttcattgt ttgggatcca ccggagtttt ctctgtatct 300
 tctacctaaa tacttcaaac acaacaattt ctccagcttt gttcgccagt taaacaccta 360
 tggtttttagg aaagtggatc caagatcgat gggaatttgc caatgaaggt ttcttaagag 420
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<210> 6390
 <211> 448
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-001-Q1-E1-A10
 <400> 6390

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 ccggctactc aaagatcatc cccatcggag aatctttctc tccataggaa aatgtcgtct 180
 aattccctga ggcattgtcg gtccatgtcc cagctaccct cagggtgccg aaagatctct 240

caattaaacg ccgtcgtggt aggagaatcc cttgcatcgg aggagaatga tctcgtcttt 300
cccagcaagg aattctccgg ccaaggctct tgtttcctcc cctcaacaag tacatggaaa 360
tgcataagan gtccatggat gaccctgctg cttttttggt ccgatattgc gtctgagttt 420
ttactgggaa gcaagaaatn ggggtgac 448

<210> 6391
<211> 466
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-001-Q1-E1-A12
<400> 6391

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aaaaaccctt ccgcttaaac cctaattcac ttcgccggcc atgtcgacac tcgaggatgg 120
atttccggcg gataagctct tcgctcaagg atactcttac acctacgacg acgtcatctt 180
tcttctcac ttcategatt tctccacaga cgctgtttct ctatccacgc gccttagccg 240
gcgcgtgect ctctccatac cttgcgtttc gtctccgatg gatactgttt cggaatctca 300
catggetgct gctatggctt ctcttggtgg ggattggaat cgtccactat aactgtggga 360
atcgccgctc aaagcatccg anttaatccg ccaaagctaa ngtcgcntaa acatccgatt 420
gntccgaac gccgggtggt aaagttcccg ggagtatgag aattac 466

<210> 6392
<211> 477
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6392

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ctttcgccgg aaatgctctt tccggccaaa tctccgtcgc taactttctc tcgcatcaga 180
aacatcttct tattactcat cttttgtttc atcatctaca tcattttctc ctacggcacc 240

aatttccgcc gtgaacagat ttcatcaate gtcgategt tatctgtgtt ctccactcgt 300
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 tacgttcgtc tctggtantc tctgaatct acnngcgccg tcgtgtttct cgatecgcggt 420
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 <213> Arabidopsis thaliana
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 aagaatcctc aaacggagat gatgatgatg ttgcttcac gcgtgagaga atcatttttag 180
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 atgcgatgcc gatcgttgag attgatggct gtgaaggaga gtgtgtgac tgtttggagg 360
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<210> 6394
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB23-001-Q1-E1-A5
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 tcccttcgag ctcgaaaccg ggtttgttcc tcttcatatt agccttatga tgtatgactc 180
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aagatcaaat gttctactac ttcatacaat ctgagagcaa tccaaaaaca gaccctcgtc 300
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<210> 6395
 <211> 476
 <212> DNA
 <213> Arabidopsis thaliana
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 <223> Clone ID: LIB23-001-Q1-E1-A7
 <400> 6395

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 tatcaaagag acaatcgatc actctttagg gcttccgata tccatggacg ttctccagaa 180
 aaagctctac acggcggaag aatctcagcg tcgtctccgt gaacagtatc tatctctggt 240
 ttcgagattg aaagagaaaag aaaaagtaat cgatctcggt agatccgaag cgagtatgaa 300
 tgcccagtcg ctgaagaaat tcgtcgaaga gaatcagaaa ttgggaagcg agcgcgagga 360
 tttggtgaat cagtgtgaaga agtgggaaaa agaatgcttt ctttatcatc aagatcgtga 420
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<210> 6396
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6396

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 cgtttaataa tagggacact ccagaggatg cgtgtattta atgttgagaa cagagatact 180
 ctgactcaca aggcgacagg gtattctgca agactcctaa ggaagccaga tcagtgtaga 240

gctgtttatg aatgtgcgca tctcttctgg gctgacgaat gcgagaacct ganngatgga 300
gagaggggtg tgctttgcct gaagagggca caaaggattg caagatgctg ttcaacaaat 360
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tgaacaagta tctctacntc ctggagaaa 449

<210> 6397
<211> 475
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-001-Q1-E1-B10
<400> 6397

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ttcatcggtc tgcgcgcct cgcacatcgt ttcaccttcc tcagaatctc tcttcccgtc 180
gattagtttc ctcagagggt gcgatttggt gagaaccttg atttagacta tgaagtctct 240
taatgatctt cctgcgccc aatcaaccac taccacgtat tatgatcatt ctaatgatgc 300
ttggttcaaa aaccgagtc ctgaatccga gacggtgaaa tcttccagta tcaaatttaa 360
agtgggtgct gcttacctga atcgtaagg tttacgtccg aagaatccaa gangattttg 420
gcgatgggtg gtgctttccc gggagattca tcttctcaa gtatctctnt cctta 475

<210> 6398
<211> 469
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6398

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agcaagaatg ttaatccccg aggagaatcc gtctcttcaa tacaagttgt cgagaagaat 180
gaaaagggtg tgtctttgag gaagagaaga ggctttatca actttgagga ttacgaagat 240

gaggaagatg aagaagctag tggcgggtgga ggccgtatta ataaagggaa aaagaaagcg 300
 aaaaagagcg gtggtgggtt agaggaagga tcacgggtgca gccgtgttaa cggtagagga 360
 tggagatggt gtcagcaaac gcttgttggg tattctcttt gtgagcatca tctcggtaaa 420
 aggaaaggtg aggagcatga acaagaatgg tggttggtcc ttgccggn 469

<210> 6399
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB23-001-Q1-E1-B3
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 ttttgtctac tatataccta gatatatagg tttttttgtc cttctctttg gatcatttcc 180
 acgacgaaac ggagaagagg ggacgatttt gccagccaag aaacaaagaa ttgttaagga 240
 actgaagatt ataaccttct gaaggataat gaagtctaag aagaagctta gcttgagaca 300
 aagcaaagct tccaatagga acgttaacga aaccaaacct cttcatcatc tcttcccaaa 360
 tctcaaacct ccgatgtctt tgctttctct ccgtctcttc cgccgccaca acatccaaaa 420
 tctccttacc gaaccaacgt tgctctaagg ttaat 455

<210> 6400
 <211> 479
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-023-Q1-E1-G2
 <400> 6400

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 ttgttgaaga aaccaatgca gccagaagc tcaaaccaaa ctctgatgag tcagacgatc 180
 tgatggcata ccttgacaac gccttggtgg acacccact agaagtggaa gccatgcttg 240
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cagcaccaat tggcatctca aaatcctcag agagatgcta gtcctgcagg acttttgtcc 360
 attgcagaag aaacttttagc agagtttctt tcaaaggcaa ctggaaccgc tgttgagtgg 420
 gttcagatgc ctggaatgaa gcctgggtccg gattccattg gaatcatcgc tattttctcat 480
 ggttg 485

<210> 6403
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-001-Q1-E1-E11
 <400> 6403

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 gttcaggaaa tggctcatat agccaatggt catgaacctg gaaactgtgt ctccttgctc 180
 cgagtcaata gtggaaactc gagccagagc aacatgttga ttctacaaga gagctgtaca 240
 gatgcatcag gatcgtatgt gatttacgcg ccagtggata tagtggcgat gaatgtgggt 300
 ctaagcggtg gagatcctga ttacgtggcg ttgttgccgt ctgggttttg ctattttacc 360
 ggatggttcg gttggaggag gagatgggaa tcagcatcag gaaatggttt ctactacttc 420
 ttctgggagt tgtggtgggt cgcttttaac ccgttgcgtt tcaaattcct gttgactcng 480
 ttccc 485

<210> 6404
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6404

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 tctcagcctg aaaacaaggt atgtgtcgat tgcgctcaga agaatcctca atgggcgtcg 180

gtttcgtacg gaatcttcat gtgtttggaa tgctccggga aacaccgagg cttaggcggt 240
cacatatacct tcgtcagatc cgtaaccatg gattcatggt ctgcatcca gattaagaaa 300
atggaagctg gtggtaacga acggctcaac aaattcttcg cgcaatacgg aatcgctaag 360
gagacagata ttatctccaa gtacaattcg aacgctgctt ctgtgtatcg tgaccgatt 420
caagctttan ctgaaggtaa a 441

<210> 6405
<211> 456
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-016-Q1-E1-A7
<400> 6405

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tccagaactg aatgcattc aggttaatgc ggtgaaaagt gtccttcaga agcccatcag 180
cttgatccaa ggtccacctg gcacaggcaa aactgtgact tctgcagcaa ttgtgtatca 240
catggcaaaa cagggccagg gacaggttct cgtttgtgcc ccaagtaatg ttgctgtgga 300
ccaactagct gaaaaaatta gtgctactgg gttaaagggt gttcgcttt gcgcaaaatc 360
aagggaagct gtaagttctc ctgtagagta ttgaccctt cactaccagg taagacatct 420
tgacacatct gaaaagagcg aactgcataa gttgca 456

<210> 6406
<211> 457
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-F6
<400> 6406

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tgaccgtaga agagaggaat cttctctcgg tcgcgtataa gaacgtgatt ggatctcttc 240
 gtgcggcatg gagaatcgtg tcttcgattg agcaaaagga agagagcagg aagaacgaag 300
 aacacgtgtc gcttggttaag gattacagat ctaaagttga gactgagctt tcttcgatct 360
 gttctgggga ttctcaggtt acttgatccc aaccaaattc cttanccaac tggcaatnaa 420
 tccaaagggtt tttaactgaa gatgaaagga gattatc 457

<210> 6407
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6407

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 caagccgagc gttacgaaga gatgggtcaa ttcattggaac agctcgtaag tggagctaca 180
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 ctttcttcga tctgttctgg gattctcang ttacttgatt cgcattctaat tccttcagct 420
 actgccagtg agtctaangg tttttacctg aagatgaa 458

<210> 6408
 <211> 482
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB23-020-Q1-E1-A9
 <400> 6408

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 accagctttc gccgcaagtt gagcatcggc cgttttcggc tgaggaagac gagacgatcg 180

cacgtgctca cgctcagttc ggtaataaat gggcgacgat tgctcgtctt ctcaacggtc 240
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acgaccatcg gggttacgat ggttcggagg atcatcggcc ggttaagaga tcggtgagtg 360
cgggatctcc acctgttggt actgggcttt acatgagccc aggaagccca actggatctg 420
atgtcagtga ttcaagtact atcccgatat taccttcccg ttgagccttt caagcctggt 480
gc 482

<210> 6409
<211> 415
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-002-Q1-E1-C8
<400> 6409

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tgcttccgcc gccgacgact tctgggggttt ctattccacc tccaaactcc atcccaccaa 180
ccaagttaac gtgaaagagg aggcagtga gaaggagcag gcaacagagc cggggaaacg 240
gaggaagagg aagaatgttt atagagggat acgtaagcgt ccatggggaa aatgggcggc 300
tgagattcga gatcacgaaa aggtgttaga gtttggcttg gtacntcaan acgngggang 360
gaanctgcaa tggnttanga gtttccggca acaaattcg ttgggaaaaa nccaa 415

<210> 6410
<211> 447
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-017-Q1-E1-C1
<400> 6410

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actccatccc accaaccaag ttaacgtgaa agaggaggca gtgaagaagg agcaggcaac 240
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gggaaaatgg gcggctgaga ttcgagatcc acganaaggt gttagaattt ggcttggtac 360
gttcaacacg gcggaggaaa ctgccatggc ttatgatgtt tgcgggcaag cagattcgtg 420
gtgataaagc caagctcaac ttccana 447

<210> 6411
<211> 505
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-021-Q2-E1-G1
<400> 6411

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cccctaaaaa gagtagagct ttcgtgaagc caccatgtgt ggaggagcta taatctccga 180
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cgatgatgat gtcttcgtca atgttaagcc tttcgtcttc accgcaacta ctaagcccgt 420
ancttccgct ttcgtctcca ctgtaggttc agcatatgcc aagaaaactg taagtccgcc 480
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<210> 6412
<211> 459
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-022-Q2-E1-H5
<400> 6412

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ccatgtgtgg aggagctata atctccgatt tcatacctcc gccgaggtcc ctccgcgtca 180
ctaacgagtt tatctggccg gatctgaaaa acaaagtga agcttcaaag aagagatcga 240
ataagcgatc cgattttcttc gatcttgacg atgatttcga agctgatttc caagggttta 300
aggatgactc ggcttttgac tgogaagacg atgatgatgt cttcgtcaat gtttaagcctt 360
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<210> 6413
<211> 469
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB23-021-Q2-E1-F3
<400> 6413

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gctgggtccat ggggtgcagga tccgggcttg gtaaaaactgg cctatacagt acacagcagc 180
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ttaatggggt tggtgttctt gcacttcatt catgggacaa tctggtcggt gactgatgtt 420
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<210> 6414
<211> 425
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-123-Q1-E1-B8
<400> 6414

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caccacaacg aaggagatcg tagatctgta ccaaactatt tctgatgtcg atgtttgggc 240
 cactcaatat gagcgaatgc aagaaaccaa gaggaaactg ttggagacaa atagaaatct 300
 ccggactcag atcaagcaga ggctaggtga gtgtttggac gagcttgaca ttcaggagct 360
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 atctc 425

<210> 6415
 <211> 402
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-029-Q1-E1-F4
 <400> 6415

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 gaaacacctt cgcttggtcac cgccagtttc ctcaacctcc ctaccacctt taccactgcg 180
 gattccgacg tcgctcctcc gcaccgcaac ggagacaatt ccggttgctga taaaaccca 240
 cgctggctct cctttcattc ggagatgcaa aatactggag aagtacgttc tgaagttatc 300
 gacggagtca acgccgatgg tgaaacgata ctggcggttg taagaggtga agattggcgg 360
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<210> 6416
 <211> 364
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-009-Q1-E1-E10
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 gtgagtagtg tactgagatc tcgttacctt aaaccaacac aacaattgct tgatgaagtt 180
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 gactttcaca atgggtctag tgataacatt acagaagatg ataaatctca atcgcaggag 300

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gatg 364

<210> 6417
<211> 320
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-017-Q1-E1-G11
<400> 6417

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caacagagtg gtgacgttct caaagaggag gaatggattg gtgaagaagg ctaaagagat 180
cacagttctt tgtgatgcaa aagttgccct cataatcttt gcaagtaatg gtaagatgat 240
tgattactgt tgtccttcca tggatcttgg tgctatggtg gaccaatacc agaagttatc 300
tggcaagaaa ctatgggatg 320

<210> 6418
<211> 409
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-096-Q1-E1-C8
<400> 6418

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<210> 6419
<211> 401

<212> DNA
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 aaggacaccc tgacaagctt tgcgaccaga tctctgatgc agtccttgat gctgccttg 180
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tctctgacga tgttgggtctt gatgctgaca aatgcaaagt ccttgttaac attgaacaac 360
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gccgttccat tggattcatc tctgacgatg ttgggtcttga tgctgacaaa tgcaaagtcc 360
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acttgtagca agactaacat ggtcatgggt tttggagaaa tcaccaccaa ggctaacggt 180

gattacgagc agattgttcg taaaacatgc cgtgagattg gattcgtctc tgctgacgtt 240
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 aagttgcttg tgagacttgt accaagacta acatgggtcat gggtttttgga gaaatcacca 180
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 gatatccctc caacgtctga ggaacctacc acagagggtg agaagagccc tgttgctgag 180
 aagcaaggag gtgaggatga aaccctgaa gcaaagaaag aactcactgc ggaagagaaa 240
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 aaagtagtcg acaagtcact ttctccaaac gacgcaatgg tctcatcgag aaagctcgac 240
 aactttcaat tctctgtgaa tcttccatcg ctgttctcgt cgtctccggc tccggaaaac 300
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 aagccggctc ctctttctca agcagtgagg gagtcgagga atgctcctca aggaggtcgt 120
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 ctttctgaag atgctgatgg agcaagccgt ggtgggtctg ttggtggata ccgtgttggc 300
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<212> DNA
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 tgaggatgtc ttttacagga actcaacaga aatgcaaggc ttgtgagaag actgtttatg 180
 ctgttgagct tcaactctgct gatggacttg gatagcacia gtcttgcttc aaatgcactc 240
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 caccggagaa gaacgtgagg aaagcttaca caatcaccaa gtctagagag agttggactg 240
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 tgaaagattt tgttggttca aagacagtta ttcagatcag gagccatgcg cagcaatact 360
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 ga 422

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 tagggaggaa gcaacggaag cagaaaggac ctgaagcggc ggcgagattg ccgacgggtga 180
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 ttggcatttt gtct 434

<210> 6432
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ggttcagact gctaagtctg gtaagatgcc gactaagccg cctcctcctt ctcaagctgt 300
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gcgtggtgga cgttgtggaa aca 383

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ctttcgattc agtcggaccg gaaaaacaat ggcgtctgtg aaccctttcg atctcttgga 180
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<210> 6434
<211> 371
<212> DNA
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<223> Clone ID: LIB24-010-Q1-E1-H9
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ttctcaacga agacgcgcaa agaacaaatc tagaatgtga ttcgtacaag gagaagatta 240
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<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-035-Q1-E1-F7
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318

<210> 6437

<211> 417

<212> DNA

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<212> DNA

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<223> Clone ID: LIB24-112-Q1-E1-A6

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<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-F3

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<210> 6441

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<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-123-Q1-E2-F8

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<212> DNA
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<210> 6443
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<212> DNA
<213> Arabidopsis thaliana
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<210> 6448
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-048-Q1-E2-C3
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 <223> Clone ID: LIB24-136-Q1-E1-A4
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 atctggagaa aggggtttct ggaaacaagg agttcataat tcgcgatctt gatctatcga 180
 tcttcattta tatataaaag cgtgaatgag attatgatgg agtcgaaagg tggtaaaaag 240
 aagtccagca gtagtagttc cttattttac gaagctcccc tcggttacag cattgaagac 300
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<210> 6450
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 <223> Clone ID: LIB24-006-Q1-E1-H8

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aaaggggttt ctggaaacaa ggagttcata attcgcgac ttgatctatc gatcttcatt 180

tatatataaa agcgtgaatg agattatgat ggagtcgaaa ggtggtaaaa agaagtccag 240

cagtagtagt tccttatttt acgaagctcc cctcggttac agcattgaag acgttcgtcc 300

aaacggtgga atcaagaaat tcaaattctt tgtctactca aactgctcca agaggccatc 360

ctgagtacca gcgtgcaccg atcttcataa tatagttata gctttcttta ctt 413

<210> 6451

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<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-016-Q1-E1-F11

<400> 6451

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tgcattggaa tctttctggg atggtaagag cactgctgag gatcttcaga aggtgtctgc 180

tgatctcagg tcatccatct ggaaacagat gtctgccgct gggactaagt tcatccctag 240

caacaccttt gtcactacg accaggttct tgacaccacc gccatgctcg gtgctgttcc 300

acctaggtat ggatacactg gtggtgagat cggccttgat gtttacttct ccatggctag 360

aggaaatgcc tctgtgcctg ccatggaaat gaccaagtgg ttcgacacca actaccatta 420

catcg 425

<210> 6452

<211> 368

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-132-Q1-E1-A8

<400> 6452

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agatcctgaa agcaaagtgg cgtgtgagac atgcaccaag accaacaatgg tgatgggtgtt 300
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ggagattg 368

<210> 6453
<211> 412
<212> DNA
<213> Arabidopsis thaliana
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<400> 6453

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cggatttgcc aacaacagtg tcaaaatcag ctccagattt ctgcaatgtt tangtcattt 180
caaaaggcaa aattgcttca gtacgaaatg catcacgtcc tgctccttac caaaattcga 240
tgcagcaatg tgaaattgac aatcatcacc cacatactcc tgacaaagca ccaaagtacc 300
atgaccatcc caattctgca ggtagtacac catctagacc gcgcaaatca gttgaagcag 360
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<210> 6454
<211> 419
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-137-Q1-E1-H8
<400> 6454

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tcagtcacct acgaanagtc caacaagtgg ttgatccggc aacatctact taacctaatc 180

tcttcttacc ctctcttaga gcccaaaacg gcatcgttta tgcacaacga tggtcgctcc 240
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<210> 6455
 <211> 392
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-048-Q1-E1-A7
 <400> 6455

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 ttcggctgtc tcgaactcga gctcgccgaa gttgagatgc ctggactcat ggcttctgtg 180
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<210> 6456
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6456

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 agtacgagaa gaaggtgtac gttcttccca agcatttggg tgagaagggt gcattacttc 180
 acttggggcaa gcttggagcc aggcttataa agctgtcaaa ggaccaatct gactacgtca 240
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tcgacaaaagc gggttcaggtt cggatctact tgtgggtttg tgttgggttg tgggtgggaga 360
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<210> 6457
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-101-Q1-E1-F5

<400> 6457

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tcgtctcgaa ctcgagctcg ccgaagttga gatgcctgga ctcatggctt gtcgtaccga 180
attcggacct tctcagccat tcaaaggcgc tagaatcacc ggatctcttc acatgaccat 240
ccaaaccgcc gtactcatcg aaaccctaac tgctctcggg gctgaagtca gatggtgttc 300
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tgttttcgcc tggaaagggtg agactcttca ggagtactgg t 401

<210> 6458
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-113-Q1-E1-E1

<400> 6458

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tgggtgatgtt ggaaaggggtt gtgctgctgc catgaagact gctgggtgcta gagtcattgt 180
gactgagatt gatcccatct gtgcccttca agctttgatg gaaggacttc aggttcttac 240
ccttgaggat gttgtctcag aagctgatat ctttgtcacc accaccggta acaaagacat 300
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catcaagcca cagactgac 439

<210> 6459
 <211> 436
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-079-Q1-E1-F12
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 ccgatttcgg tcgtctcgaa ctcgagctcg ccgaagttga gatgcctgga ctcatggctt 180
 gtcgtaccga attcggacct tctcagccat tcaaaggcgc tagaatcacc ggatctcttc 240
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 agcgtgctct aaattg 436

<210> 6460
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 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-048-Q1-E2-A7
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 ttcggctcgtc tcgaactcga gctcgccgaa gttgagatgc ctggactcat ggcttgctgt 180
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 tgttctctgca acatcttttc cactcaagac cagccgcgcg cagccatcgc tcgtgactcc 360
 gccgctgttt tcgcctggaa aggtgagact cttcatgagt actggtggtg taccgagcgt 420
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<210> 6461

<223> Clone ID: LIB24-069-Q1-E1-B11

<400> 6463

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agaccgagtt cggtcggctc gaaatcaagt tcgacaagct tgatatacct ggaatcaagg 180
cttggcgtag agagatctga acatcacagg taatcaaaag cgcgagaatc acaggatggc 240
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<210> 6464

<211> 421

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-090-Q1-E1-F11

<400> 6464

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tattcctgga tatttaggtg acacaccagc tcattctcgc agcatttctg ctggtaaaga 180
tgataagtta gactctctgc tcttggatag tgataatctg gcattctcat cttcgactct 240
ctctctagca tcagatgcgc gacgggtctc cagcaagttt aaggatgaaa actctccagt 300
tgggtctcaac ctctgctct cttctccaca ccgctgttga tcttatcaat gagactaagc 360
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c 421

<210> 6465

<211> 408

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-118-Q1-E1-G7

<400> 6465

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gaggaaatgc ctctgtgcgt gccatgggaa tgaccaagtg gttcgacacc aaactaccat 420
 tacat 425

<210> 6468
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-137-Q1-E1-H10
 <400> 6468

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 gaagccagtc ttctgtggga actttgagta tgatgcgcgc gaaggtgacc tggaacgact 120
 attcaggaaa tacggcaagg ttgagagggt tgatatgaaa gctgggtttg cttttgtata 180
 catggaagat gaaagggatg cggaagatgc catccgagca cttgaccgct ttgaatttgg 240
 gcgtaaggga cgcagacttc gtgttgaatg gacaaagagt gaacgtggag gtgataaaaag 300
 atctggtggt ggttcaagga gatcctcanc cagcatgaga cttccaaga ctctctttgt 360
 gantaacttt gatgccgntg atactaggga cccgggatnt agagnaacnc cttgaacccg 420
 tatgggggaa a 431

<210> 6469
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-A9
 <400> 6469

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 aaacatgcat tggagtcaac atcgctaaca atgatcaagt atttgagtat gctcaaactg 180
 catttgcga aaacgggtgac aacgatgatg acgttatcta tgattacgct ccagcagcat 240
 gaatgaattt tatctctatt aggctaaagc gtagtgaacc aaccatgatt ttgtacttcg 300
 tatattaatt atttaacggc cctagggctt cttttatgtt ttgtctactt aacactttca 360

ctataaatcg tcgagcattt tattctctca aaaaaaaaaa aaaagggcgg ccgctcctag 420
aaggattcaa gcttacgt 438

<210> 6470
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-B12

<400> 6470

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ggcgacgcta ctgtcaacca ccgtgtcact tccctaataca tacaagacgg cgagatctcc 240
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ctcactaacc tactgggtca catccaaccc actatcgcca agctcaagaa cctcactttt 360
ctcagactaa gctggaccaa tctcaccggt ccggttcctg agtttctgag tcagct 416

<210> 6471
<211> 415
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-136-Q1-E1-B7

<400> 6471

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acaatgagat atgggaagtg attcaaactc caaagtgcag agccattaag ggacc 415

6472-6473-6474

<210> 6472
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-B8

<400> 6472

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ggtaagtcaa gggaacaaat ggtgtgaatt ctgtaagata tggatacaga acaatccaac 240
aagtattaga aaccatgacc ttggtaagcg tcaccgagaa tgtgttgata agaagctcac 300
tgatatgcgt gagaggagtg cagccaaaga caaagagctc aagaaaaacg aaaaactgct 360
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<210> 6473
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-B9

<400> 6473

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ctttgtgaac tgggctccat ggagacattc gtcagtacaa ca 462

<210> 6474
<211> 416

<400> 6476
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<210> 6477
<211> 460
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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atcgtagccg tccgatcaac aagtaccatc tcttgaaata ctcgaaatcc tcataagtcc 180
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<210> 6478
<211> 418
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-136-Q1-E1-C9
<400> 6478

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gtttgatgaa gaaggtacac gaactctcga ctctttgtgg catcactgca tgtgcgatca 180
tctacagccc gtatgatacc aaccctgaag tgtggccatc aaattccggt gtgcaaaggg 240
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agggttttct caaacaaga atcgcgaaag cgacagaaac tttgaggaga caaagaaagg 360
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<210> 6479
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-D1
<400> 6479

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taataacaat caatccaaca acgaatggag attgaagaag cgagtcgtga aagtggacat 180
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gacccatta ctgcttctct ttctctctct cctttggcaa cacacacgct taaggatagt 360
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<210> 6480
<211> 391
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-136-Q1-E1-D4
<400> 6480

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tggttggtgt ccgatgtgaa gagatttgtc tctcgaggagg tttgggttcga caaaagatga 180
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<210> 6481
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-136-Q1-E1-D9
 <400> 6481

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 gacctaatacg tcaaacacgt ccttgactct ctccgtcctt atagcacaga aactgggtggt 180
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 taccaggat ctgttcccggt aaagatcttg tctttcgtcg gaatgcatat ggacgtcgtc 300
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<210> 6482
 <211> 404
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6482

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 tctgcgctta tgatggtaca cagagtgtga gtatggggat ccagtcagtt gtagacgatg 180
 gaacatcggt tcttttaaac caagcgatgt gcagtgttg cgaaatggca gccgtgtgga 240

tggagagcga attgactcag aatcaaacac aagaacgcat actcgcttat gctgctgagc 300
 tatgtgacca tatagcaacc canaaccaac aatcagcaat ggactgtggg aaggtttcgt 360
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<210> 6483
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6483

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 tagatttgtg ttgtctgctt tctcgctcaa atctatatga tctttaggga gtaattttct 180
 cgatggctgt tcgaatTTTT cgagaataga tccaaagaag ctcgctgcttt ggtgcaacta 240
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 acacagatgg attaccgacc ttctgatagt agtgggtaca gatgatgacc tgccctccatc 360
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<210> 6484
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6484

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 ggcgccccgt gatgcgttc cgaggatcac gactgagaag ggcggcaaatt ctccagggcc 180
 ggcagacgtc tgccaggatg acatcgacc gcgggtcaac tttcagacca tcgacgagct 240
 tcacagtctc cagaagaaac gatctgcccc taccactcct cttagagatg gcagcgccag 300
 cggagtcagc ggaactagtg gtccgactac tctgtctcc agcgagacca tgcttcaatc 360

cgtcagtgc t cgttggtt cgttgacgag aagagacagg accgaagtta ataagaggag 420
atccgacttc ggcagctaaa agtagcacac gtgccagtga ctctaagtc aacttcc 477

<210> 6485
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-F8

<400> 6485

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tcccaaccgc aataattagc ggtagaagcc gtgacaaggt ttatcagttg gtaggactaa 180
cagaacttta ttacgcgggt antcatggaa tggacataat gacttcttct gatgggtccga 240
attgtttcaa atccactgac caacagggtta aggaaagtga atctgtttca gcccgcgang 300
agaattcata ccggttatcc gacgagggtt ttagaaccct tgttgnnaaa atgnaagata 360
tcaaacggtg naanaagtat nggaccacca agttctgtgt gcaatctgtt anattac 417

<210> 6486
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-F9

<400> 6486

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cttatcttct ccttttctct cgttttttct ggtcagcttt tgcttttaga ttacccttgt 180
tgcttgcat cgatctgaaa aaagaggaac tttatcttgc tgacggctgt tataaaaaaga 240
cgtggcatct cttctctgat tgtgtttatt tttatgacgg agaagatgaa cacacttgta 300
atctatcaga ctctaactgt tantgttgggt gttttctaat gctgtcggca agacactatc 360
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 <211> 404
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G10

 <400> 6487

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 aaaggacaag aaatgccatt aacggtgcta ggagaagctc cagagacatg tgagatatat 180
 gttgtttgta aagatagaat cttaaccaa tgcacgaatc agtttaccgc agattcatca 240
 tctagtttcc gtataccaga aggagctgaa gcttatacag aatctttcag tcgcacacgc 300
 tctgataaga caggggtgtc tgcttcatct ataacatctt caggcaggat gagaattgga 360
 aggctggct ctttaccgca taagtcatcc gacctccna gtgt 404

<210> 6488
 <211> 442
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G12

 <400> 6488

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 ccggcggctt ttgagatagg cagcctccgc gacaaccgag ataccggtgg atccggtgga 180
 aaatgattca acagcaccgc caaaaccggt gagaatcacc tgtccaacag tcgccggaac 240
 ttatcccgtc gttttattct tccatggctt ttatcttcgc aactacttct actctgacgt 300
 tcttaaccac atcgcttcgc atgggttacat tcttgtagcc ccacagttgt gcaaattatt 360
 gccgccggga gggcaagtgg aagtggacga tgctggaagt gtgataaact gggcatcgga 420
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<210> 6489

<211> 422
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G2

 <400> 6489

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 tgaacgtgga attcctgcga ttctcgggat catctctacg caacgtctcc cttttccttc 120
 aaatgcattt gatatggctc attgttcaag atgtcttatt ccctggacag aatttggtgg 180
 aatctattta cttgagattc accgtatagt tcgacctgga ggtttttggg ttctttctgg 240
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 atctgactac aacaagcttc agtcacttct aacctccatg tgtttcaaaa agtacgctca 360
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 ct 422

<210> 6490
 <211> 433
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G4

 <400> 6490

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 cctctggtat tctctgcatg ttcacttttt gttctcgact gtgggttggg tattccaacg 180
 gcactgttca agtatgggac cttgagggaa agctgcttgg tggattggta gctcatagtg 240
 gacctgtaat aaaaatggct atcggggctg gttatttatt tacccttgca aatcatggag 300
 gtattcgtgg atggaatggt acttctcctg ggccccttga caatgtactg cgggccgagt 360
 tggctgggaa annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
 nnnnnnnnnn nnn 433

<210> 6491

<211> 400
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G5
 <400> 6491

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 tagcttcgga ttcctttcga gtccacttgg tgtcactccc agaacttcgt ttcgctcgctt 120
 cgtaatccga gcgaaaacgg aaccgctcgga gaaatcagta gagattatga ggaaattctc 180
 cgagcaatat gtcgctcgct ctgggactta cttctgtgtt gataaaggag ttacttcagt 240
 cgttattaag ggtttggctg agcataaaga ttcatatggt gcaccgcttt gcccttgtag 300
 aactatgat gataaagctg ctgaggttgg acaaggcttt tggaattgtc cgtgtgttcc 360
 aatgagagag angaaggagt gccattgtaa gcntttccga 400

<210> 6492
 <211> 399
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-G9
 <400> 6492

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 ttggtcaaga agctgggcta acttgtacct agaagatgac ctttctagaa agttgctcga 180
 ggaggtgaag aacagctact atttggtaag cttagtggac aacaattaca tcaatggtga 240
 tatcttctct gtctttgctt gatctccgag aaaaccaccg gcgaagagga aacattcgat 300
 ttcgagatgt gttttgtacc ttttaaagtt atttttgatt cgtaataacc ttactttgat 360
 gaatcaacaa aaacatcagt ttgattgcaa tnaaaaaaa 399

<210> 6493
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-H10

<400> 6493

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 ctctcgatta tatcacaagg agatatgggg aacagtgaaa tgtcagcgag tgaggttgcg 180
 gcggccaagc agaagaacgt cgacgattgg ttaccgatca catcttccag aaacgctaag 240
 tgggtgtact ctgcttttca caatgtcacc gccatgggtg gtgctggtgt tcttagcttg 300
 ccctacgcta tgtccaatct cggatgggga cctggagtga cgattatggt gatgtcatgg 360
 atcataacgt tgtacacact gtggcaaagt gtggagatgc atganaa 407

<210> 6494
 <211> 394
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-135-Q1-E1-H11

<400> 6494

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 agaagagtat tccagagcta ctttgcattg acgaggaggt aggcctgatg ggcctaacaa 180
 gctggcagaa agtggcaagc aatcaggagg agataatccg ttgaaggaag acaagccgcc 240
 agaaagagat aagctgccga gaaaagacaa gccatccaag gaagacaatc tgctgaaagg 300
 agataagccg gtcgaggagg ataaattgcc ggctgaggaa gaaaaaccgc cacaaaaaga 360
 taaaccggcg ganggacaca aaccggcacn aaaa 394

<210> 6495
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6495

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gagagaagaa acttttagctc ttcttcggat cccatccgat atggattcta cttttcgtga 120
tgctactctc aaagctcctc tttgggaaca tgtttccagg aagctattgg agttagggtta 180
caaacgaagt tcaaagaaat gcaaagagaa attcgaaaac gttcagaaat attacaaacg 240
tactaaagaa actcgcggtg gtcgtcatga tggtaaagct tacaagttct tctctcagct 300
tgaagctctc aacactactc ctcctttctca tctcagctc nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nngatgggtc tgagctcgga acaatcatca ttacatcatc 420
atcaagatng gcaaaaggca gagattctag cgcttataaa cctga 465

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<210>      6496
<211>      414
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-135-Q1-E1-H7

<400>      6496

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tgcacgttgc agatgataaa atctaaagtt ggaagtatca aatcgggatg gaggagtgtt 180
tttatgatat ttacagcagc tgcagatgac gaagttgaat cgatagttga aaaatcattt 240
gagaatgttg agcaagttat tctggaacac tttgaccagg tgataggtga ctgcttcatg 300
gattgtgtca attgtctcat cagggtttgcc aataacaaag cttcaagacc ggataagcct 360
gaaagctatt tgcccttctc agaatatgtg anggattggn ctggcagaag ggaa 414

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<210>      6497
<211>      421
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-135-Q1-E1-H8

<400>      6497

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tgtcaaagcc atggaatttg aaagaggaag aggagggagt tgtgtttgat actggtggtg 180
aagtgccgtt tagctttgag aatagcttgg aaatggcgga ggaagagcgt gtgaagaagg 240
agttgattga gaaggaagag aangagcttc ttgaggttat caagggtcct gatcgagcat 300
ttggagacct tattgctaag tcaggtataa cagatgaaat gctagatagt ttaatagcct 360
tgaaagattt ccaaggggtc gaaggattac ctctctgac tgaagattga aaaaccgcgt 420
ccttgaaaaa aat. 433

<210> 6500
<211> 481
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6500

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accccccttg agtaacccta cccccggcac gccgattctc cgcttctgtc accgttttta 180
gctcgaggct tgtggactac gagcagccat tcgttaagag cttctggaac tacctcgagg 240
cggctaagga tttcatcaga ccggaagaca acggcccac tcgctgggtc tctcccctcg 300
aaagaagcaa ggatccatgt gacgggtgcc cgctccttct ctctctacct ggtatcgacg 360
gaaatggact cgggctaata aggcagcacc agaaacttgg acaagatgtt tgatatctgg 420
tgcttgaca taccagecag caatcgctcc ttccttcaca gattcaagtc gccatgggtg 480
a 481

<210> 6501
<211> 405
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D10
<400> 6501

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nagatctggt gaattcactt ctttaacca tctctgtggt cttgagttcc gatggtnaa 180
gtcaaactca agttcaagat ctggtgaatt tggaatcntg ctggtgaagt tagagatgan 240
ttatttccca gatgaagtaa tagagcatgt attcgacntt gtaacatctc acaaagacag 300
gaangcnata tctcttgat gcaaactcatg gtanaagatt gaaagatata gtangcaaan 360
ggttttcatt ggganactgt tangccatta atccanagaa gttgc 405

<210> 6502
<211> 411
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D12

<400> 6502
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gtcgtagtcg ggatcggttt cgtagtcgga gtccgagaga caggagaatg agatctgaac 180
gagtttctta ccatgatgct ccttctagaa gggagagggg gccacgtcgt gccttcagcc 240
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tttccgtctg taacaactgt ggtcttccag ggcacattgc agcagaatgc actgcggaat 360
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<210> 6503
<211> 394
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D2

<400> 6503
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tctcaagcct tagctgctgt ctactccaag ttgcagagaa gtaattgcac gcttgctgag 180

ggattcatgg agaagtgttc tagcattcgt caagttattg atgaagatat aaattcagtt 240
gatacatcta aagtggaaga aggtacgagc aagtgatgct ggaattaaaa attcantgat 300
ccctgaatcc tctatgaatg tcttgagact ccttagacgt caagggttcg atgcataacct 360
tgttggtgga tgtgtaaggg ganttaatac cgga 394

<210> 6504
<211> 418
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-D7
<400> 6504

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atttcgagtt tttgtggttt ggggtttttt cccgatttag cctaacagat aaagtttcga 180
gttttgtttc tcttaatcat cgtagatact aaccgaatca tcatggagaa gaactccttc 240
aagcttttcta atcctctgga gatgagaatg gctgagtcta ctcgatcag agcgaaatac 300
cctgaaagag ttcccgtgat tgtggaaaaa gctggacaga gtgatgttcc tgacattgac 360
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<210> 6505
<211> 473
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-135-Q1-E1-E1
<400> 6505

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tatttgcacg gaaagaacat tgttcatttc gatttgaagt gtgagaatct tcttgtgaac 180
atgagagatc ctacgcgtcc tatatgcaag attgnggatt tggggttatc ganggtgaaa 240
nanangactc tantatcagg aggtgttcgt gggactttgc catggatggc acctgagctc 300

1. The first step is to identify the problem. This involves understanding the situation and the goals that need to be achieved.

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<210>      6513
<211>      448
<212>      DNA
<213>      Arabidopsis thaliana

<223>      unsure at all n locations
<223>      Clone ID: LIB24-135-Q1-E1-F4

<400>      6513
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3195

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 <213> Arabidopsis thaliana

<223> unsure at all n locations
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 tggaagcgaa gattgtgggt agctcttgtg gtcattgatg tccttttggg gctactgggt 300
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 <211> 403
 <212> DNA
 <213> Arabidopsis thaliana

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<400> 6515

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 gaatgtanta tagctantca tcagagttgt gcatctgatg aacctgattt cgatgaattt 300
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<210> 6516
 <211> 465

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<400> 6516

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 gataaaatta agccgactat tggcgataat ttactgcaa tttgggtatg caggcatgta 240
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 tcatgtcgta gccacgggtg tcatggctcc ctttgctctc angttcgaga ggaaaattag 360
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 <212> DNA
 <213> Arabidopsis thaliana
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<400> 6517

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 ctttcttoga ttctctcgct gtttctcacc cttcttccac taacacactc tctcttaacg 360
 tcccggngnc ttctgattca naaatcaacg gcggaagagc taaacnggaa aagttaactg 420
 cntcttaac gacnggtnaa gccgccaaag ccgccggcgc tcgtgctttc aaggaaaatc 480
 tcaagactac tttcaaaaac gggnggggttc cgtc 514

[illegible]

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| <210> | 6519 |
| <211> | 460 |
| <212> | DNA |
| <213> | Arabidopsis thaliana |

<400> 6519

3198

<210> 6520
 <211> 467
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6520

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 ttttttctaa agataatttc aagaaaaaca agaaacttgt tttgctatcc gccgccgtag 120
 ctttgctctt cgtagccgcc gtcgccgga tctctgccgg agcttcaaaa gccaacgaaa 180
 aacgaactct atnccgctcg tctcacgccg tgctaagatc ctcatgcagc tccacgcgtt 240
 accctgagct ctgtatctct gccgtggtaa ctgccggcgg cgtcgagcta acgtcgcaaa 300
 aagatgtcat cgaggcatcg gtgaacctaa caataaccgc ccgtggagca caattacttt 360
 caccgtgaaa gaanctgatc aagaaganga aagggactga cgccgcgcga gaaagacggn 420
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<210> 6521
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6521

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 cactatcttc ggcgttttcg gaaatgcaac tgctctgttt cttttcttgg ctccctcgat 180
 aacattcaag agaatcatca agaacaaatc cactgaacaa ttctctggta tcccttatcc 240
 aatgactctc ctcaactgtc tectctctgc ttggtatgga ctccctttg tgtcaaaaga 300
 caacacactt gtgaagcaca atcaatggca caggagcagt gatcgaaaca gtctacgtgt 360
 taatctttct tttctacgca ccaaagaang gagaaaatta agatctttgg tatcctctcc 420
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<210> 6522
 <211> 448
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-B9

<400> 6522

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aaaaaaaaat agatactaata ataaaaaatt ctcaaacta aaatttcaga tttcagaaat 120
cgccatggct tcagtgactc taggttcattg gattgttgtn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngt cctataactc ttactaaacc 240
catctccttt cgatnaaaac gcaccgtttc atcatcttct tcaatcgttt cttcttccgt 300
tgttacaaaa gaagacaatc tacgccaatc tgaaccatcc tctttcgatt tcatgtcgta 360
catcatcacc aaagccgaat tagtcaacaa agcttttagaa tcaagctggg tctcttccgg 420
tgangccact caagattcaa ngaagggg 448
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<210> 6523
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-C3

<400> 6523

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tgcatttgta ttanatectt ttctaaaact tttaaccatt ctttctccat tcccagttct 180
tagaaaagagt caagagcaat gaggaagctt ttcttgtagt gggttatagt tgcaggactg 240
gttcttgga atgaggcaaa tgggtattta gagttcaatg tcaactgaatt agatcgcant 300
gaggatttaa gagtttggtt tcgccaaatt cagttccaat ttcaatcnan naatgggttg 360
tctcacactt aacagaggag ctggttctaa angagctggt tgtttggatg gtacattgnc 420
tgggatatca cttacatccg tggacatgga tctggagcca aata 464
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 <211> 487
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-C4

<400> 6524

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 cctcatcgta nagagagaaa cacaccaacc attgttacac tctaagagaa gagaagagag 180
 aaggaaaaat ggacggtgta tcaccaaagt ttgtgttgcc ggagacattc gacggcgtga 240
 ggatggagat cacaggccaa ctaggcata tctgggagct tgtaaaagca ccaatgattg 300
 tccctcttct tcaattagct gtttacatct gtttgcttat gtctgtcatg cttttatggt 360
 gagagggttt acatgggaat cgctcatgct ctcngtcaaa actcttctgg aaaaaaccaa 420
 gacaaacgtt acaagttcga agcccantca cgaatgatga agaacttggg tagctccaan 480
 tttcccc 487

<210> 6525
 <211> 432
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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 aggtgccaat aaggcactta ttgctgcaga gtatgcgggt gtgaagatcg aggagtccgc 180
 anactttcag atgggcgtca ctaacaagtc acctgagttc ctttaagatga accctattgg 240
 naangttcct gtgcttgaga ctctgaagg tcccatattt gagaagcatg ccattgcccg 300
 atatgtganc cgtangaatg gtgacaactc ctttgaatgg atcctccctt attggaatac 360
 gctcacattn accantgggn tcgaatttcn ccncattggg agattganng ctaacatggt 420

432

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| ctgttcatca | aagaaaacga | aacccatttc | tcaaaatcca | aaattttcaa | aaactcaaaa | 60 |
| ctcatcatgg | gtttcatttc | ttcttcatca | ccagtagaag | agtctcatta | ccatacacac | 120 |
| aagatcttcc | ttttctccaa | ctacatcctt | ctcggcgctg | cttcaagttg | tatcttctct | 180 |
| acactctctc | tccgtctaat | cccttccatc | tgcggaattcc | tcctcatcct | cctccacgcc | 240 |
| accacaatcg | ccgccgcagt | ctcaggctgc | gctgctgcat | cttgcggaag | aaaccgttgg | 300 |
| tacgccgctc | acatggttgc | aactgtgctc | actgctatat | tccaaggctc | tgtctctggt | 360 |
| ctcatcttca | ccaacacgtc | taaattctct | cggaaagtct | aaatcctaag | gtgg | 414 |

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| acgcggtccgg | agaaagtgat | gttcaacttc | ttatctctta | atccttcatt | tgctctgtca | 60 |
| cacattgaag | cctattttcg | gttgcagttt | gttaagtttt | catgggaagc | gttgtctttg | 120 |
| gagtgttctg | aagttgactt | taatcctgaa | agaagaagga | tatgctttta | ctgaagttat | 180 |
| catgggaagc | actttttgtg | gagtttacag | gagtgtctat | gccgttgcag | tattcgagga | 240 |
| tgcctttgat | ctgccagtcg | ttccttggtta | cctttttcgc | ttttgcaagt | tctttcttac | 300 |
| ttgccttgct | tttctctcgt | tcatgtanta | cttgatgcaa | agtcttgaaa | ctttcccgat | 360 |
| attggaccaa | actccttttc | attcatgccn | tttaaggact | actaagttat | ggaactcccc | 420 |
| ctgatgtaqa | anq | | | | | 433 |

<210> 6528
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-D3
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 tcgaaagtta tcatcactgc accagccaaa ggtgctgata tccctaccta tgttatggga 180
 gtcaatgagc aagactatgg tcacgatgtc gctaacatta ttagcaatgc atcttgcacc 240
 accaactggt tggcaccttt tgctaaagtc ttggatgaag aatttgaat tgtcaagggg 300
 acaatgacaa ccacacactc ctacaccgga gaccaaaggc ttctagatgc atcacacagg 360
 gacctaangc ttcaagaacc gcaacactga acatantgcc caacaacaca aggagcaacc 420
 aaaggcgtgt cattaatggt tgccccaact gaanggtaaa cttaacgg 468

<210> 6529
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-134-Q1-E1-A8
 <400> 6529

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 ttgatcgatc tctcangtta cttagaaggg cacaagaagc cgatgggatc agattggacc 180
 aaagacatgg gaaggctcga gtganagttg gaagagtttg gcgtcatgct catgatggat 240
 ctcatcacnt tgttgaatgg aatgtnagca tcagtcttct cnctcactgt ctctcttctt 300
 aacgtcttga tgataactct gatattgtcg ccacagatac cattanaaac actgtttatg 360
 tgaaagccaa ggaatgtgga gatcggctct ccggtgggag gaanttgcca tacntattgg 420
 ggaaaacact tttgcnc 438

<210> 6530
 <211> 393
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-G5

<400> 6530

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 ttctctgaag aagtctctgt tcttgatggt cactttgcta ancttggttt aagcagtgtt 180
 gcctacttga tgggcaatga cgatgaaacc aatgaaatgg catgtttact ctgcttcttc 240
 tgccaacagc aacaacaaga acaatgtcta nacgcttgag atgtgtatga ctgggtctaga 300
 caaagacaag gcattctgtct tctacaagaa cgagtcaagc tctgctgggt ctatgactga 360
 taactctggc atcagaaagg atactgctc ant 393

<210> 6531
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
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<400> 6531

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 tagcaatgtc agccaccgcc gccgcncnt cctcgatcgc cgttgccacc aactctctca 120
 ngaacgtgac tctgtcttcc agatcgcccc ttccatcagc catctccgtg gctttccctt 180
 cccgtggagc caatactctt cagcgacgcc tcgttctcgt ttcctgcagt actggagagc 240
 gatctaagcc tacgattctc gtggcgagga agctcgggtga cgctgggtatt aagcttttgg 300
 aggatgtcgc gaatgtcgac tgttcgata acatgactcc tgaggagctc aacattaaga 360
 tcnegctctg tgacgccttg atcgtgagga gtgggactaa gggtggccgt gaggtgttcg 420
 aatcgtctca cgggacggct caaag 445

<210> 6532

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tagtgactcc gatggacctc aagaatactt caccgggtggc gaaaaaagtg gtatgcttgt 180
tcaagatcct acaaaagaac caaaacacga tgatgttgat gaagatattt aatcaagcaa 240
gacagctagg agctgtggaa ggacctcttg agcatccttc gagttctaga agctttacag 300
gaacaggaag attgctttct gggagaaagt gtgcaacggc tcttcaacag cctgagcctg 360
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ggga 424

<210> 6541
<211> 471
<212> DNA
<213> Arabidopsis thaliana
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<400> 6541

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cgtccgcttc tgcttaccag atcgaaggcg gcagaggctg tggacttaac gtttgggatg 120
gcttcactca ccgataccca gagaaagggtg gagccgattt gggcaatgga gacactactt 180
gtgactcata ccggacttgg cagaaagatc tagacgtgat ggaagagctt ggagttaaag 240
gctacagatt ctcttttgcg tgggtcaagaa tccttccaaa aggaaagagg agtangggga 300
atcaacgaan atggtattaa ctactacagc ggtctcatag atggcctgat cgcaaggaac 360
ataacgcctt tcgttacct ctttactgg gaccttcctc aatcattgca agatgaatat 420
gaagggttcc tggacagaac gatnattgac caattccaag gattacncgg t 471

<210> 6542
<211> 464
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6542

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ctgtcaatgt catcaccacc gaagtagagt tgactccact caacagaaac tgaaactggn 120
aagtttgaga cttttaagat gtcagaaaca gaatttaaag tgttgcttga gacattcaca 180
tttctgctg attctgctcc cttcaagagt tgtcatgcct cnaccatagt tgagggttgtt 240
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atctgggtgc agcatttcaa ggatggtcaa tgggattcac cggttattgt tgatgaagag 360
ccaggagtgc caatgtataa cccctgtctt gttcaaactt ccatctcatg anctccttan 420
tgttccacaa aatcnggcag gnggggtcaaa aaatgggaag tngg 464

<210> 6543
<211> 463
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-134-Q1-E1-A7
<400> 6543

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ttgttagata ctccgaatct tgtatacttg aagtttactg atactgttgc aggcaagtat 180
ccgaaagtga atttggattc ccttggtgaa gtcatatcg atcttcgctt gttgaagcct 240
ctattgataa attaccatca aggttatggg gaaaatgata tggttggcaa tgctacagat 300
tttataatgc gtatatgcaa tgtgaagact ctttatctat ctgccaacac tcttcaggta 360
cttacttaca gttgtgatgc tataccaata ttcaacaacc tgactcattt aaccatcgag 420
agtaatccga gagtangatg gcagtcagta ccgggcttgc tca 463

<210> 6544
<211> 416
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-133-Q1-E1-G4
<400> 6544

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gacggatctg gtgcctgcat atgctcgtct actttgtgat aatgaggcag aagttcggat 120
 agcagctgct ggaaaagtta ccaagttttg tcgcatttta aaccctgaac tcgctatcca 180
 gcacattctt ccctgtgtaa aggaattatc atcagactct tctcagcacg tcagatctgc 240
 attggcatca gttataatgg gaatggctcc agtcttgggt aaggatgcaa caattgagca 300
 tcttcttcca atctttcttt ctctattgaa agacgaattt cctgatgtac gcttaaacat 360
 tatcagcaaa cttgaccaag tgaaccaggt tattgggatt gatctactat cacaat 416

<210> 6545
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-E4

<400> 6545

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 cttgatgttc atgtcttgaa acntaacaaa gtattgatct ttccttttaa gtaanaaatt 180
 tgggggttac acaacttcgt ctagatggag caaganaaaa gcttggatcc acaactatgg 240
 catgcttggt caggatcaat ggttcaaate ccttactga attcaacggt tttttacttc 300
 gctcaaggcc acacagagca ngntcacgcy cctcctgatt ttcacgcgcc gcgcgttcca 360
 cntcttatnn gctgtcgtgt cgtnccgtg aaagttcctc gccgacgctg anacanacga 420
 aagtttttgc taaaaattac gcnttttgcca 450

<210> 6546
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-E5

<400> 6546

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 acgctgaaac ctttgctttc caagctgaga tcaaccagtt gctttccctc atcatcaata 120

ccttttactc taacaaggag atcttctctcc gtgaactcat cagtaactct tctgatgctt 180
 tggacaagat tagattcgag tccttgacgg acaagagcaa gctcgatggg cagcctgagc 240
 tcttcattca catcattccc gacaagacta ataacacctt gaccattatt gatagtggta 300
 ntgggcatga ccaaangctg anttgggtcaa naaaccttgg gnacaantgc aagatctggg 360
 aaccaaagga attcatggga agcactggct gctgggagct gaagggttagc atgattggtc 420
 a 421

<210> 6547
 <211> 426
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-133-Q1-E1-E9

<400> 6547
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 ccattcttgt ttgtagaaaa aaaccatttt tttatttggg tttttcattt gattttcccg 180
 ggaaagtgtt aatttttang ttttttgagg gagattgaaa aagttcgata aaaatgtggg 240
 gagccgccgc agaaccagca gattcttatt acctgattcg tcctgagtgc actgatgtcc 300
 ccaataccaa attcaangat caaacctggg taaaactcna agtgtaagaa aatggcaagc 360
 tgcatttana acagaaggat tccttgatat tgggaagact cttaaagtcga atccaacgan 420
 ggggga 426

<210> 6548
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6548
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 gaagaaggac taatagagaa gatggaaatg ggtcgtcgag atttgatgag acgtggaaca 120

tgtgttttca acatgaacag cattatacgg ttatgaacct ccaataatta gtagatcaca 300
 ngaagccaag tcttttatct aaagctctgt ggtgggatca nnnaagaaa gaattccaan 360
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<210> 6553
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6553

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 aattactcca gagttcttct ttcacaggaa tgatgtttat ggttgggcta caagatgttt 180
 gaaaaaatgt cgaggtaacct ttctctataa cggaatctgg cttggtgggt cgtatggagc 240
 tgtgacttgt gtccctgcga acgttgaata catgctcaag actaacttca agaacttccc 300
 aaaagggtcg tttttcaaag aacggttcaa tgatctgctc gaggatggta tcttcaatgc 360
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<210> 6554
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana
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 attctctatc gccgcctgtg tcatcgagcg gaaccaccag cttacggcga aggagagacg 180
 gcagctccgg aacgagcggc gggagagtaa attgggggtat agctggcgag aagaagttga 240
 agaaaagttg attaagaaac caaaaaaacg gtatgcaacy tggacggagg agctgaatgt 300
 ggatactttg gctgagtcgg gtccgcaatg gtgggcgggt aggggtttcga gacttcgtgg 360
 tcatgagact gctcaaatct tagctcgagc tctggctcgt caattccctg aa 412

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.

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<210>      6556
<211>      418
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<213>      Arabidopsis thaliana

<223>      Clone ID: LIB24-133-Q1-E1-G1

<400>      6556
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3216

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 <212> DNA
 <213> Arabidopsis thaliana
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 atggatatta gaagcaaagc cangacatta ccaggaccag taagtaatcc aacaaagctt 180
 ccaaaatgga actacgatgg atctagcacc gatcaagctg ccggagatga tagtgaagtc 240
 attctttatc ctcaggcaat atttaaggac ccattcagga aggggaacaa cattctggtg 300
 atgtgtgatg cttacagacc ggccggagat ccaattccga ccaacaatag gcacaaggcc 360
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 agaa 424

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 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
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 ctcgaaaaat ggctcagatt cagcatcagg gtcaaaatgc caatgggtgg gtagctgttc 300
 ccggtnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
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<210> 6559

661130 "TACC" 66

<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-133-Q1-E1-G3

<400> 6559

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atactgttga attggctagg agaatcgaga aacttgggtg accagctctt gctgtacatg 180
ggaggaaaat tgcagacagg ccaagagatc ctgctaaatg ggatgagatt gcagatgtgg 240
tggcagcatt atccattccc gtcattgcaa atggcgatgt tttagaatat gatgattttt 300
ctcgcattha aaccgcaaca ggcgctgcat cagttatggt tgcaaagagg agctatgtgg 360
aatgcttcaa ttttctctcc aaaaggaaaa tcacactggg gaagatgtga aaaagaata 419

<210> 6560
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-133-Q1-E1-E11

<400> 6560

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ttacgtcgat gtagctgggg aatcgaagtc ggagcatggt actgggaagt ggttttcggg 120
gccggagctc cgactgcgtg accaccgggt catagtctct cttgattatt ccaaaagttc 180
tcccaaaatt accgtctttg ctcgagagat cgttgcgggt gggaaagagg agcaagcaat 240
gccgtattta ttgtatttgc aaggtgggtc aggatttgaa ggtccaaggc ctagtgaagc 300
tagtggatgg attcaaagag cttgtgaaga gtttcgagtg gtcttactcg atcaacgagg 360
aacaggcttg tccactcctt taacatgttc ctctatgctt caattcaaat cagcaaagga 420

<210> 6561
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-F4

<223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-G4

<400> 6563

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 agtgggtaat cagcaggctt ctcagttgct cccaactaat ccatactccg ccactaaagc 180
 tggagctgag atgcttgtca tggcatatgg tagatcatat gggttgccgg ttataacaac 240
 tcgcgggaac aatgtttatg gtcctaacca gtttcctgaa aagttgattc ctaagttcat 300
 cctcttggcc atgaatggga agcctctccc aatccacgga gatggattta atgtgagnag 360
 ttatctccac tgcgaagatg ttgctgangc atttgaggtt gttcctcacn aaagggggaa 420
 agttancnat tntaggagt atnggggaca acgaanagca aacg 464

<210> 6564
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-G6

<400> 6564

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 atgttggaag aagctgtgga gtatgtgaag gctcttcaaa gccagatcca ggaattgaca 180
 gagcagcaga agagatgcaa atgcaaacct aaagaagaac aataatgtat cctttaggat 240
 ttgatataat tgtattttat ttttgacta tctaaaaatg gtgatgatct gttcgaaaat 300
 tcgaaacatg atcttatata ttgaactaga aanatagat atatatgaat tttagctgta 360
 aaatttttgt acaataagga gaaaaagatt taagaagagt caataaaaag atgatgttta 420
 cangannaan anaaaaaagg gcggnccgctc taaaggattc aagcttacg 469

<210> 6565
 <211> 403
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-G7

<400> 6565

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acaancacaa cantcctaact acttactact ctcttttcac tactcncacc caataccatc 180
ccgccacatc atcaacccct tcttccaccg ncgcancgcg agcttttagcc tcgccttagt 240
cctcctccgg gcaccataan gacccttccg cgttctccat acctcaaact cctccgtcct 300
tcgactttctc agncaatgcc aagtgggcaa nactcgggtcc ttcttgaagc ggcacgtgnc 360
ttctccgggc aaaagacact gcacggtgcg caanaaatcc cta 403

<210> 6566
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-G8

<400> 6566

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ctctcccacc tccaagcca agtcagatc ccttaccttc taattcgtct tcaccaccaa 120
nattgcttcc accatcgtca gttgtatccc cgccttcgcc tcctcgaaaa tctgtgtcag 180
gtcctgataa tccatctcca aacaacccca ctctgtgac agataattcc agcagttctg 240
gtattagtan agcggctggt gtgggtgtaa gtattggagt ggcccttggt ctgcttactc 300
tcattggagt tgttgtctgt tgcttaaaga aacgganaaa gaggtctca ancattgggtg 360
gtggctatgt tatgccaaca cctanggnat cctcctcccc aagatcagat tcagcgttcc 420
tgaagacgca gtcacccgca cctccnagtg ggaaatcggt ctagca 466

<210> 6567
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-G9

<400> 6567

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ctccggcgac gaagaaaact gggtttcacg ttccgggtcg aaatctctca gtttggtggt 120

ctctggagct cttgctctcg gtttatctct atcaggcggtg gggtttgcag atgcaaaagt 180

tgggtgtaac aaaccagaat tgcttcctaa agagttcact tctgttatag atgttgctga 240

tttcctctct aatggtcagg aagaagagaa ttgctcaaga aatcgctaata cttgagaaag 300

atacaggatt caagttgaga gtcttggtc aaaactatcc cgttaccct gggactagca 360

atcaaaagat ttctgggnag gtggatgaat ancacaaatt gggtttggcc gctgancccg 420

a 421

<210> 6568

<211> 437

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-H10

<400> 6568

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gaatTTTTTg atatgagaat gaaatcatct gctgctagaa ttaacgcggt cacacatggt 120

ggtgatgctg ctgcggagggt tactgtctata gagtttgatg acagtgaagg tcttcaagta 180

gctgtcggga gtancgcggg aaagggtatc atatacgact tgcgtacttc aactcccata 240

agagtgaagg atcacatgta cgagagccca attttgaata ttaagtggca acggactctt 300

aatactcaac ancctaagtt gattactanc gacaaacaca ttgttacaat atgggatcca 360

aacaccggga ganggtatga ccaagcantg aaccgactca nggaggaatn acnagcattt 420

gtgtggttcc ggtggna 437

<210> 6569

<211> 451

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-H6

6611330 "Hes666"

<400> 6569
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cgacggagaa gacgccggcg gcggcgatga atataggatt ccggaatggg aaattggttt 120
acccaacgga gatgatttga ctccgttata tcaatatcta gtcccgtcga ttctcgcggt 180
agctttcagc atgatccag aacgaagccg tacaattcac gacgtcaatc gcgcgctcga 240
aatcacgctc tcttcgttga gaagcagtac caatgcttcg tctgtgatgg aggaggtcgt 300
ggatcgagtt gaatcgagtg ttccaggatc agatccgaag aaacagaaga aatcggatgg 360
tggtgaagca acggcggtgg aggattccac ggccgaggaa ngagactccg ggctgaaga 420
cgcntctggg gaaagacatc gaaacgaacc g 451

<210> 6570
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-H7

<400> 6570
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cttctgggtct cggaagccat ctccccctta gacgacccaa gagccaagtg gttcgtgtca 180
aggtagatga aaatgtagcc gagacagagc caccgaaatg gtgggagagg aatgctccaa 240
acatggtcga tattcattct actgaagagt tcttgagcgc tttaagcggg gcgggtgaaa 300
gattagttat tgtagagttt tatggaactt ggtgtgcttc ttgcagagca ttgttcccaa 360
ngctttgcaa ngacagcggg gggacatccc cgataatagt gttccttaaa gttaaaacttt 420
ggatgagnaa taaaccgatg tgcaaggaat tttgaacngt gagaagtg 468

<210> 6571
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-132-Q1-E1-A10

<400> 6571
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ataagcgcaa gtcaatggag aagaaaaagg aaggcatggg ttctactatt gatcaaaacc 120
tgagctttaa gaatattatg aaagatgttg cactcttttg ttcttcgcat atgacatgga 180
aggataagaa agcactggag gataagaaag tgactgcact tgggtgaaag gcacaaaaga 240
tgcataagct accgctgagt gtagctcgag tgcagatgaa gaaacagaaa gatagagaag 300
agaagatgtt agaacagaat gtgattcttg gcagatttgg gtgggggtgg aagtngcagt 360
aggaaacccc gcagagagaa agcctacgcc agaagagaga gtattgaagt caactggnag 420
gggattttca aaggccgg 438

<210> 6572
<211> 412
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-132-Q1-E1-A11

<400> 6572
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atggagatgg aatatcgata ttcgagtctc gagatatttg gattgatcat tgtacgttag 120
agaaatgtta cgatgggctt attgatgcgg tgaatggatc cacggatata acgatttcga 180
atagttacat gttgaatcat aatgaagtca tgcttttggg ccatagtgat gagtattccg 240
gtgatcgga tatgcgagtt acgatcgct ttaactatct tgggtgaagga cttgtccaaa 300
gaatgccaag gtgtaggcat ggatattttc acatagttaa taacatttat agagactgga 360
agatgtgtgc tattggtgga agtgctaata caacgatctt tagcnaagga aa 412

<210> 6573
<211> 496
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-132-Q1-E1-A3

<400> 6573

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aaccctagtt cctcctctct ctcattttct ggagatatcc accagagcaa taaccatgga 180
cgctaaagaa acctctgcca ccgatttgaa aagaccgaga gaagaggatg ataacggcgg 240
cgccgctacc atggagacgg agaacggaga tcagaanaag gaacctgctt gtttctccac 300
tgttattcct ggggtggttct ctgaaatgag tcntatgtgg ccaggagagg cacactcatt 360
ganggttgag aaagtgttgt ttcaagggaa atcagattat canggatggg tattgttttc 420
cagtctgcaa canntgcgaa aanttttggg tttgggntgg agnagtccca anctacgggg 480
gagagatnaa tgtgcc 496

<210> 6574
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-132-Q1-E1-A5
<400> 6574

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caaggatggg aagacatgtg tgttttggga tgtggaggat tacccaatcc cagctgatct 120
ccatcctcgt tcgatccggc ggagaatcgt aaaggatgtg aagaaatatg gttgtgatgc 180
ggagggtgctg attcatgctt atgctaata taatacgggc tcggtaacaa tgaggcgtca 240
attttcggct gctggaatca aattggaagt gttcacccaa gcaggggata aatatgagag 300
acattgttcc ttgtatgggtg acattatgct gtggtcactg gaaaatcctc caccatcaaa 360
tattattgtc atcgcaaaaa taatcgatga cgacttggct gatcgtattg ggatgtttga 420
ctaacgtctg gtcataaggg cttcccaa atccaagttaa gccaaaatgg gtaaaacg 478

<210> 6575
<211> 430
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-F3

<400> 6575
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 tttcttgttt ccaatcaaat cctctaaagt ttcgttcttt gttctaagtt ttctgaagga 180
 gtgatatttg tttgtggtgt ggtagagaa atgaatcgga gacagcaagt gaaacgtaga 240
 gtaggtaaat atgaagttgg cagaacaatt ggagaacgaa cgtttgcnaa agttaagttt 300
 gctaganact cctgaaactg gagancctgt tgctctcang aatcttgata aaagaganag 360
 ntctcaagc atnaagaggg ctgaacagat taggnangag ngatcgncna ccaggaagtt 420
 gntagaacat 430

<210> 6576
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-B5

<400> 6576
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 aatggctacc atgttgaagg tctctcttgt attgtcattg ttaggttttc tggatgacgc 180
 tgctgtgact ccatcgggcg cgaaccatt caggaagagc gtagttctcg gaggggaagtc 240
 aggcgttcca aacattcgga ccaacagggg aattcaacaa cttggaangt actgcgtgga 300
 ncaattcant caacaagcac agaacgagca aggaannata ngatccattg cgaanacaga 360
 cacggcaa attcgaatcca ttgcaattta ccgangtagt gtcctgcctc agaaacaggt 420
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<210> 6577
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-B8

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 gagatctcgt cgaacctcaa atctcaaate tctgttaacc agatcgtcta attatccgat 180
 ctgcgttttcg aatctcagat cgaagatgcc ggtggctgct tccgccatct attttctgaa 240
 tctccgtggc gatgtactca taaatcgcac ctaccgagat gacgtcgggg gaaacatggt 300
 ggatgcattt cgtaagcata taatgcagac gaaagagtta gggaattgtc ctgtgcgtca 360
 gattgggtgg ctgctccttt gtttatatgc gaatcagcaa tgtctacatc gtcattgttg 420
 tcagtagcaa tgctaagtgt gcntgtggat tcaaatttgn tggtgaaggc gtaaccttgg 480
 tc 482

<210> 6580
 <211> 493
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-D12
 <400> 6580

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 ggttttcctg tcattgctgg ctttagatat cgctagtcac tggctgcaaa tgtacagtac 180
 cttcctatca gggaagacca gccataagga tgtgaaagat agcacgagct gggctcttta 240
 nactctatta tggaaaccgg atgttcattg gttattgctg tgtttctgct gaggttcttt 300
 atataatcct tcttctcata gcaacgaacc anaccgaaaa cttgatgaac gtggtagtga 360
 aatcattggn tgcagatttc accgctctct ttactcttgg ctttgagcat atttggttgg 420
 tccatcanng cagatcanca atntgattca natgaaaaac ggctgcanat gtttggtgtc 480
 ctgttgggca aaa 493

<210> 6581
 <211> 416
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-D3

<400> 6581

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gtgttgtcca catctttgtc tcattcaacn acactttcat tcatgttact gatttgtctg 180
gtcgtgaaac tcctgtccgt atcaccgggtg gaatgancgt ganagctgat acagatgagt 240
cctcacctta ngcagctatg cttgcancac aggatgttgc tcancgatgc antgaacttg 300
gatatcantgc catgcatgtg aagctccgtg ccacaagggtg gnanacagna catngacaac 360
nttggctcctg gangcacagt cngcccttag aagcccttgc tcgttccggg catnca 416

<210> 6582

<211> 462

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-D5

<400> 6582

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ttcgaccgct ttgaagctat aacacctgtt tgggctcctt actacaccat tcacaagatt 120
ttagctggtc tgattatttc tatggccgtg ttcgtaatgt gataaggaag tacagtgttg 180
aacgacattg gcaatcacta aacgaagaga ctgggtggcat gaatgatgtt ctttatcagc 240
tatacagcat cactggagat tccaagtatt tgctgctcgc acatctcttt gacaagcctt 300
gctttctcgg agtcctcgca attcaggccg atgatattag tggattccac gctaatacac 360
atattcccat cgtcgttggg ttccancaac ggtatgaaat cactgggtga tctactccat 420
aaggaaatcc ccgatgttcc nttatggaca tttttaatgc ct 462

<210> 6583

<211> 397

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-D6

6583-6584-6585

<400> 6583
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tggtcattgg tcatgttgat tctggaaaat cgaccacaac tggtcacttg atctataagc 120
ttgggtggtat tgacangcgt gtcategana gggttcagaa ggaggctgct gagatgaaca 180
agaggtcctt caagtacgca tgggtggttg ncaaacttaa ggccgagcgt gagcgtggta 240
ttaccatcga tattgtctta tggaagtten gagaccacca cgtactactn gcacagtcac 300
tgntnnccca ggacatcgtg atttcatcaa gaacntgagt actggtacct cncaaggctg 360
attgggntgt ncntaacagt tgaggtegcac cactggg 397

<210> 6584
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-D7

<400> 6584
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agatggagag gtagagattg agttagactt aggtctatct ctaaattggaa gatttggtgt 180
tgaccactt gcgaaaacaa ggcttatgag gtctacgtcg gttcttgatt tgggtgggtcaa 240
cgatagggtca gggctgagta ggacttggtc gttaccctg gagacggagg aagagtggag 300
gaagaggaan gagttgcaga gtttgaggag gcttgaggct aanagaaaga gatcagagaa 360
gcagaggaaa cataaaagct tgtggtggtg aagagaaggt tgtggaagaa ggatctattg 420
gttcntctgg tagtggttcc tctggtttgt ctgaagttga t 461

<210> 6585
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-131-Q1-E1-E4

<400> 6585

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 gccattgcgg accaaggcgg tgtctttgtc gtcggagatg gaggattcgt cgtccttgaa 180
 gaagagtttg atggagttag aagggaagaa gagtgagcct taccaggag gaatgccgaa 240
 gatgggtcca ttcacaggga gagatccgaa tgtgaagaaa cctgcttggt tgagacagaa 300
 ggcaccacaa ggcgaaaggg ttcaaggagg tgaaagagtc nctttcncgt ctcaatctca 360
 anactgtntg gtgaagaagc tcagtgtcct aatatcggn aagtgtttgg aatggaagtn 420
 ggtgaatggt gtagcaanct gcaaccaatc aagggnct 458

<210> 6586
 <211> 435
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-E5
 <400> 6586

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 taaggacaat gtgagagaag cccccataa ctctagacct ttagttgagg gacctgggaa 180
 agacaactca gaaagagagg gtggagagct acaagatgat ggtgctgttc ataaatctcg 240
 aaatgttgat gtgggtgatg ccctaatacag ccaatcgcca aaagatttga aattgcttcg 300
 agataagggtg aaggctaaac gagagaaagc taagaagttg ctangtgaaa agaacganga 360
 aaaaggattt tgatggatga ggatgatttg attgaanaga gaactggaag atgtgcaact 420
 agctgttgag gatga 435

<210> 6587
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-131-Q1-E1-E6
 <400> 6587

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<210> 6593
 <211> 435
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-130-Q1-E1-G3

1. The first part of the report, which is the most important, is the one that deals with the results of the study. This part is divided into two main sections: the first section deals with the results of the study, and the second section deals with the conclusions of the study.

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| agctgaaatc | agcaaacgtg | agaaagccag | acttaaagag | atgcagaagt | tgaagaagca | 180 |
| gaagattcaa | gagatgctgg | agtcgcagaa | tgcttccatt | gacgcggata | tgaacaataa | 240 |
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| aactgaagag | gaggaagacg | angagtatct | aaanggaaga | agangatggc | ttaactggat | 420 |
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3235

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<210> 6602
<211> 464
<212> DNA
<213> Arabidopsis thaliana
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<212> DNA
<213> Arabidopsis thaliana
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<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-131-Q1-E1-B10

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<212> DNA

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 aataatctta gacgcaaaac attaccgcct gagttgccga gttccaagag gattatgaan 180
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 <223> Clone ID: LIB24-128-Q1-E1-H2
 <400> 6615

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 agagttgaat attgagggtc ctactgagat tcagtgtatc ggaatacctg cggttatgga 120
 acgtaagagc gttgtattgg gttcgcatac cgggttcttg caagactctt gcttacttgt 180
 tgcctattgt tcagctgatg agagaagatg aagcaaacct tggtaaaaaa acaaagccta 240
 gacgtcccag gactgttggt ctttgtccta caagagaact atctgagcag gtttaccgtg 300

tggcgaagtc cataagtcac caccgcgaggt ttagatctat attggntagt ggtgggttctc 360
 ggataaagac cccaaggagg attctttgaa caatgcaata gatatgggtg ttgggaaccc 420
 ctggtaggat tcttcagcat atcgaagaag ggaaacatgg tgtatgggag atatc 475

<210> 6616
 <211> 384
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-H3
 <400> 6616

agggtgccta agatgagctc aacgagaaca gaaatctcgt gtcgaacaag aggatggaca 60
 acacggagga aacaagaggc ttatttcagt tcagacgaat cagatcagga agcttgtgaa 120
 tcatttgggt tactcttttt tctctcttag gctctttgat gttgagggtc gagctgagat 180
 tggttctgat gaggttattg aggaaagtca gagccttgcc tangagcgat tcatttgcac 240
 tctgggggact gatgctccac tgaatgtgac attcataaga gcgcctccag gtgctttgtt 300
 gaaagttgat atccctcttg tgttcattgg agatgatgtt tctcctggat tgaagaangg 360
 agcatctctg antacgatta acag 384

<210> 6617
 <211> 426
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-H5
 <400> 6617

agagagaaga agaagcacct ctcatggcga accagcttct tcaccatctt ccgattcctt 60
 ttcctctcca ccgtcaacttc tacctcctaa acgccgccgt tttatagctt ctctctccga 120
 aaatgctaaa cccacattcc tcaaattctct caccgacgct tttttagatt cttgtagagg 180
 aagagaatat ttttaaggag gttgttttct atggagcatt acgaggttct tgagcaaatt 240
 gggaaagggt cttttgggtc angctcttct tgtgaggcat aaacatgaga agaancctta 300
 tgttttgaag gaaaattcgg ttagctangc agactggtag aacantgaag gtctgctcat 360

cangagatgg nattgntcgc aanngataag gaatccattt attgtgggaa tagcnaagat 420
tcctgg 426

<210> 6618
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-129-Q1-E1-A8

<400> 6618

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gatgaagatc tcaaaggaag tgaangaaaa cccggttcta tgangtcnga ctttattaaa 120
agcttacaag tcatatctgc agaagttgat tatatttgaa aagcagtcag tatataacca 180
anttgcgaat cgggtgccttt gtacattgct ggaagcagtt cctcacttca actaccgtga 240
taacctgtta attgctgttg tcagaaatat cagctcccca gatgaagtcg taaaggagac 300
ncngttgctc cnactatcag gtatcttttc tcaaatgaag gggaaacatg gttggttgag 360
nctgaccgtt gcaagctgta cggcctgant tgctgatca tgtcnaagct canaaaactgg 420
ccaaacttc 429

<210> 6619
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-129-Q1-E1-B5

<400> 6619

acgcgtccgt gtatttcaag tttcatgagc gtttgcacc acaacattgt cttttcgggt 60
taatttcntc ttcttcntcc ttttcttact aaattctctt agggtttttag tcataacttaa 120
tggtttccaa ttcggagaaa aatcctcttc tttcagatga ggaaacccaa atcgacggag 180
gagaataaga gttctaagcc ggaatcagct tctgggaatt caacttcac aagctatgcc 240
tggttgaat ttcaatgctt ttganttctc taaanaaggg ctaagnattc tcaanngatc 300
ctagcatcag aggaaatngc ngagcaaata ngctnaagat ctgncgntta aacaaatggg 360

ctgaggcanc ttccangagat ctatccnnac ncctgggncaa gaaaagggtg gttcccctaa 420
ctttgattcc nc 432

<210> 6620
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-129-Q1-E1-B6

<400> 6620
acgcgtccgc ccacgcgtcc gctgttcttc tccatcttcg attttaccta ttattgatac 60
gagaagtggg aatttgcatg gcacatttca agtctcaggt ttcttgtggg attcagagag 120
atgataatgg acgccgtggt tggcgggagga gaacattgac gangaaggac gatatgttgc 180
gttacaaaat gcaaagaggt ccatttgtgg nagaacaagt aaggaagata agagaanttg 240
ggaaggtaat gacaatggac ataggagcag nttcttttga gggaagacaa tcggggttga 300
atttgtcaat agcgtagcaa gctgaagcaa cagagtacgt ggacaagaac anagacgaat 360
atgggaggtt ccaaaaaaag ccattcttca tgttctaaag caaccgtnt ngaacgatct 420
cnggctttga atcgccctgg 440

<210> 6621
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-128-Q1-E1-F6

<400> 6621

acgcgtccgg agaagcagaa gcttgaagaa tctctgtaat ctaaaaaatg ggaaagggtcc 60
acggttcatt ggctcgtgcc ggtaagggtga gaggtcagac acctaaagtg gctaagcagg 120
acaagaagaa gaagcctcgt ggtcgtgctc ataagcgtct gcaacacaaac cgccgtttcg 180
tcaccgccgt tgttggtttt ggcaagaaga gaggacaaa ctcatcagag aagtagatag 240
aagaaggttt tacccttttc agattttatg ggatgttttt gatattgtgt cattagttgg 300
tccaaactca tcgatatcaa agtgggttaa ccttggttat ctacaaatca gtggatgttg 360
tgtcaatttt ctgtcaatt tgatttttgt ttctctcag attaaactta aagttctg 418

<210> 6622
 <211> 399
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-C7

 <400> 6622

acgcgtccgc ccacgcgtcc gattttctta gaaaaaaat tatgggattt tgcttctcca 60
 aatttgcaa atcaciaaca catgagatnc caatctcttc ctcttccgat tcaagccctc 120
 ctcatcacta ccaacctctc cctaaaccaa ctgtttctca aggtcaancc agtaatcnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnng 240
 gttcacanga tcgggtccant cctaaaccga ccaatgatcg atctctcagc tctctacgac 300
 ctccacnnca gaactcggcc gtggccaaat tcggaatcac ttacaaatgc atgggncaaa 360
 tccaacggtc gagaatacgc ctgcaanatc ccatctcag 399

<210> 6623
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-128-Q1-E1-C9

 <400> 6623

acgcgtccga attgatctga tccgagtctt tcaagcgggg agagaaagag agagattcgt 60
 tagtacattg atctaattgc gtcgaattcg gaagcgggag gatcggcgga ttacgaaaca 120
 ttgatgtcga catcggacgt tgagctattg aagagggcgt ggcgtaacga gaaggcggcg 180
 cgggagattc ttcagtacga aggagctctt gtcgatagag ccaaagaaca gatcgaatta 240
 gtggaagaaa caattgaaga ttatgtggaa aatggcatag atcctctggt ggtgtctcta 300
 tatcagatgg atttgacag agcccagttt ctactcagat catatctcag agttaggctt 360
 ctcaagatag agaagtttat gttccacaac ctcaactcaa gaagaagctg aaaggcgact 420
 ttctgagcaa gaaaaagtgt 440

<210> 6624

<211> 488
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D1

<400> 6624

aactgttacg ccttccggta gccgtccnaa attcaagggc cgacccacgc gtccgcccac 60
 gcgtccgaaa taattgagtt ttttttttaa ttagaaacaa atgggggttg gtgggtgttct 120
 tcatgtggag gttgaggtta agtctccggc tgaaaagtgc tgggtagccc ttggccgacg 180
 gcatcaatct cttccccaaa gctttcccta acgactacaa aaccatccaa gttctagccg 240
 gcnatggcaa cgctcctggc tccattcncc tcattactta tggagaagga tctccactgg 300
 tgaagatata ggcnagang atcgaagcag tggatttggg agaacaaaag catgtcgtnc 360
 agcatcattg gcggagaaat gttgggagta ctacaaaanc ttcaaaggaa ccatcaccgt 420
 tatccctaag gatggtggta ncttctgaaa tggctcgggtg agtttgaaaa aaccgcccac 480
 gagattta 488

<210> 6625
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D10

<400> 6625

acgcgtccgg gacaatcctc aagttgatct agagaaagtg aaacgtggct tgagaaaagt 60
 acataatccc gtagttgaga actctatcca acctcaactg gttccacaga ttgcagttga 120
 aaagccaaat ggtagtttag aagaatctgt gaatgccttt gatgaagaga aagaagatga 180
 agtggtgag acagtgggtgc aacaacctga agagttgata caaactcata caccattggg 240
 gaccaatgaa tctcttgatt ccacattggg caaccaaadc gaagagagtg aagaaaatgt 300
 aatggccgag gaaaaggagg atgtaaaaga agagaggact cccaaacaaa accataagga 360
 gaattcagct ggggaaggag aatcanaant ccgggaaaaa ggctcntcgg ttact 415

<210> 6626

<211> 459
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D2

 <400> 6626

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 tcagaatcta atggaccag naagcctaac agctttccac atcctttaat ccaanaaatt 120
 gattcagaac ttccatttgt gcagcctgcg cttcaactga cacacagaat atttggttct 180
 tgccctccaa tgcaaanttt tgaccanca aagttgctca cggactctgg gaagctgcag 240
 anacttgata tattattgaa gcggcttcga nctggaaatc acaggggtgcg cctgtttgca 300
 cagatgacaa aggatgctga acattctcca ggattatatg anctatagaa agtacaagta 360
 nctcaggctt gatggatcct ccaccatcat ggntcgccga natatggttna gggattttca 420
 gcatatgagc ganatttttg taggcctgct gaacancac 459

<210> 6627
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-D5

 <400> 6627

 acgcgtccgn aaatctctgt ttccctctct ttatctcctt tggtgcgtac tgattctcta 60
 agccgtgacg gtgtgccagt gtctgtcctt gtcttattat cactgccgca gttcctattc 120
 gtgcccgcga actgttcgct aaattgcctg aaccaattct tccgacaatc ctaaaagttt 180
 ggattttggt gattctaaaa actagggttt tattcaaatt actcaagaat ggctactact 240
 gcgaatggaa actctaagaa aagagatggt ggggtctatcg tcgcttgccc ctcgcaaaat 300
 caacgtgcag aaaattctca gaggtctgaa gcaccaagaa gctcgaatct cttcactcca 360
 ttgtgtctga gcgtttgaac aaggactttc gatcaaagag gaataagagg agaaggacca 420
 attcttacia taatcaacct 440

<210> 6628

<211> 419
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E1

 <400> 6628

 gaagatcacc gtcgtttatt ctcgacgagc gacgangctc gaattcacct ccaatggngg 60
 atacaacacg aggtcctttt caaaacctg attccatctc cgcttattac caaactcacg 120
 cgngncatca cgggtgtcatt acangcgact ggctagccca agctcaagcc gccggttggcg 180
 gngtctcang cgangcccag catgacttat ccgtaactga tctcgggaac gagaagtcgt 240
 ttaatgtaat tgnngagttc agtaattgga ggaanacaac cggatctggc tgaagccgtc 300
 gcggtatac gagctttggc tgctgttatt cgtgcgagcg aancgagcac catgatggag 360
 cttgaaattg agctcaaaaa ggcttctgat acactcaagt cgtgggacaa aacgtcgat 419

<210> 6629
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E10

 <400> 6629

 acgcgtccgc ccacgcgtcc gaaacataaa aaatattaaa caaaaagaac aaaaaaatg 60
 gcaaaacttt cattagcatt aggtctattg ctactattag cattaantga ggtctacgaa 120
 gtgcaagggt cgttcttatt gaggcattac atgaggaaat ttcccagaag gtccagagac 180
 tttcggccat tcgcttcgag aggtatgttg aagttcgtgg acgttttgga gcttaagtgt 240
 ccattaaagc cacaatacaa gagcttcttc ggaaacctaa ggtcttacat gaacttcata 300
 aactcggcat ccgggtcgaa aaactttgat gccgagctaa aagggaaagc ccagggcctc 360
 ttctcagcna ggctctgcaat nagtgggcaa naggcgccgc aatcggtga nttcctagca 420
 naggttantg gatacgattg cct 443

<210> 6630
 <211> 479
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-E3

<400> 6630

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aaaaaatcaa aaattcgccg agagcacaaa ccctaattggc ttctctctca atggcttccg 120
ttaacgtagt cttctgtcat cctttacgct cttcttctcc aaagggtctca cttcgcagtt 180
ccgttcattt cgcgacgagt ctttctctca gtcactccat ttctggggtt cgcgctgttt 240
tgcctctgaa gatttctaca gttgcttccc ccaattctca aaagcttcat tcttttaccg 300
ttttcgctca taagggttac aagatgaaga cccacaaggc ctcagcgaag cggttcaaga 360
gtgacgggta gaggggaagat tgtgaggagg agatctggaa agcagcattt gttagctaag 420
aagaacaaca agaggaaatt acgtctatcg aaaatgacgg aagtgaaccg gagcgacta 479
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<210> 6631

<211> 420

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-E6

<400> 6631

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tatgtgtagt aaaataacat tagtggttaac tttattttcc agttatttca tatcaacaga 120
tgctgtgaat ggatcatttc ctgcgctttt ggcttttggg gattcaattc tcgatactgg 180
caacaacaat tttctctga cttttatgaa aggaaatatt tggccatatg gaaggagttt 240
cagcatgaga agggcgacag gaagatttgg aaatgggaag agttttctct gatataagtt 300
gctgaagggt tagggatcaa gaagatttta ccagcttatt gtaagttgtt caattctcca 360
agtgaacctt gaactgggtg ttgcttcgca tcangtgggt gcaggagttg acctgtttac 420
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<210> 6632

<211> 413

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E8

<400> 6632

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ggaagaagat cattcagttg aagcanacat ttanagggtt ttgttgagag gcaatggaag 120
ggggagaaga gtttcaagaa gaagaagtgt ggtcagtttt gagagaaagt gaaactcaag 180
gtcctgaaat gaaaatgtcc aaaagtaaca atctcttctc agcctcttcc tcatcttctg 240
cgaggtagat tcctaaaggc aacgaggtct ctggaggggc aaaacagtca tctgctccaa 300
tgaatattcc tgactgggcc aagggttatg ggtattcaaa gaanaacaca ngcagccact 360
tgcattcatg ggccattgac gatgatgatg aagggtcaat gggttcctcc aca 413
  
```

<210> 6633
 <211> 486
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-E9

<400> 6633

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ggaggaaccc acataacaaa caccgcgaa gccaaagcat ttgctcttct atcggaggag 120
ggaattgcta aagggtattcg tagggtaact gctgtgacta ctgaatgtgc ttttgatgca 180
ttgaatgcgg cgtccttact tgaaagagaa gtagaggatg cctccagagc ggaggggaagt 240
gcattggaaa agaaagtttc tgctttgaaa agccgagtag atgcagcaat tatcccagca 300
gctaaaaagg cagatattag gactaagatt gcttcgcttc agaataaagt aagaaaagct 360
cagaagaaaa tagcgggaaca aaacctgaaa aaatctgtca aattagcaac agaggcagct 420
gagtccgcag catcagatgg gaagactttc tgcataatcc aactgggatg ttgggtccnt 480
gatgca 486
  
```

<210> 6634
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-F10

<400> 6634

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atgattacta gtgacaagac aatcgatgct cgtggcgcta acgtgcacat cgcataatggt 120
gctggtatca cgatgcagta cgtgcacaat atcatcatcc atgggcttca cgtccaccac 180
atcgtgaaaa gcagtgggtg tttgataaga gattcgatta accactttgg gcatagagga 240
gaggctgatg gagatgggtat ctctatcttt ggggcaacaa acatttggct tgaccacatt 300
tctatgtcta aatgccaaga tggacttata gacgctataa tgggttccac cgcaatcacc 360
atctctaact ctcatctcac ccaccacaac gatgtgatgt tgcttgggtg caaaaacan 420
caacatggat gacaagaaag atgcaagtca cagtggctta caaccatttc ggaaaaggac 480

<210> 6635
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-F4

<400> 6635

tcgaccaacn cgtcggggcg aaaaagaacc cgtcgccgtc gaatcagccg gcttgcccaa 60
cggcctagta agtcatggta actccaagac acggcgcgta tacgaaacag ctcgatctct 120
gcataccggt gctgtgaaag atcttctctc tctcggggtc tgtgagagat gtattttccg 180
attggtatcc gtcgaggctt ttgattccga tatttcatca gtctcgactt caactctgcy 240
cagctggctc aaatccggtg atgatgaaac tagtgcacgc gaatctagct gttccacaat 300
ctgcattggt tgtttaggta tattgcagtt cgttttttcc gatgtcaaaa aagagctggt 360
gaaatcggat tctagtagtg attacgttgc aagggataac ggacttgggtg aagcangatc 420
tcatgagttc gaatagcttt 440

<210> 6636
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-128-Q1-E1-C6

<400> 6636

cgatcacttt acttaatcgt cttcatcggt attagtcttg ttaaagcttc gaaaagcgat 60
 gatgggtttt gttcagcgcc ttcgattggt gaatcggatg agaagacgaa cccattttat 120
 tggaaagcca cgaatccaac actctctcct tcacacctcc aagacttgcc tggtttcaca 180
 cgaagtgtat acaaacgaga tcatgcgtta ataacaccgg aaagtcatgt atacagccct 240
 ttacctgact ggacaaacac attagggggcg tatttgatca caccggcaac gggttcccat 300
 tttgtcatgt acttggcgaa aatgaaagaa atgtcaagtt caggtttgcc tccacaagac 360
 atagagcgtc ttatatcgtt ggtcgagggt gctgtgacac tcactaacac atccaagtt 419

<210> 6637

<211> 430

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-A5

<400> 6637

cgagcaagag gctttcatca gtaattcgtc gtcggagctc cagaacgagt tggatatccga 60
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 gtttggatcc gttctgcttc tacgacatga tggcgagctt ttgtgggctg tgattggatc 180
 ggtttcaaat tccgtgctct cagtagcttt gaaacgtata cttaaccaag agagacctgt 240
 tgctactctc cgttctgata ctgggatgcc ttcttctcat gcccaatcca tttctttcat 300
 ctctgtgttt tctgtcttct ccgttatgga gtggcttgga accaatgtac tccgcctgt 360
 tccntaagcg gttcatcct cgcaattggg ttcttatttc acgtgggttaa agggtttctc 420
 anaaagcctt 430

<210> 6638

<211> 433

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-A6

<400> 6638

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aacagagtaa ggctcacttt gttttagctt tctcctctac ttcgataatg ccgtttgctc 120

cttccttggt gtcacgtct tctcagctct ctcaatttct tcccagattc cccaacgcga 180

ctagattcaa tgtaactcca cggagcagag ccgccaccgt cgtcgcggca tccgtcaccg 240

acctagccgg ggctcgacagt acaacaatcg ccgtactcgg tggaggatcc gtagcagcac 300

tcgcggcgat ggtttcctta acggatccgg agaggaggcg gaaattgcag gcggaggaag 360

ttggcggagg cgataaggag gttgtgagg agtatttcaa tagcacgggg ntcgagaagt 420

ggaaggaaga tnt 433

<210> 6639

<211> 420

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-A8

<400> 6639

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caccaccgtc gtcgtctctc tgtatctctc cggcgggttc tctctctact tcccccgag 120

gattaaaaga tggaccagtc ttttattttg atattccgtt agcttggtca gttattgtag 180

aagctgtacc gtcaagactt ttaatatctc aaatggatga tgggtgggcat cgtgagaatg 240

gtcggcataa agcagcagtt cagggccagt ggttgatgca gcatcagccg tcgatgaaac 300

aagtgatgtc gataatagca gagcgcgatg cagcgattca ggagagaaat ctggcgatat 360

cangagaaaa aagcagcagt agctgaaagg gacatggcgt ttcttcagag ggacaccgcc 420

<210> 6640

<211> 424

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-128-Q1-E1-B11

<400> 6640

acgcgtccgc tgaatcaaat ctccctagctc ttctacgcaa aatcgagtgc atcgacaatg 60
 gcggaacgtg gtgtcgaacg tgggtggagat cgcggcgatt tcggacgtgg attcgggtggt 120
 cgcggcggtg gaagagggtg tccgagaggt cgtggctgcc gtgcaggctg tgctccagag 180
 gaggagaaat ggggtgccagt gactaanctt ggtcgtctcg taaaggaagg taagatcaca 240
 aagattgagc agatctacct ccattctctc ccagtcaagg agtaccaaga tcatagattt 300
 actcgtcggc ccttcattga aagacnaagt gatgaaaatc atgccgggtc aaaaacaaac 360
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 ggtc 424

<210> 6641
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B2
 <400> 6641

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 gggaaaacttt gtcagatgat cttcgactgt tagatgaaga ttggggcaag agcggggggtt 180
 ttgatgtgga cttctcnaaa ntgcgtcaca gatttggtcn cggagctgtt catctcgacn 240
 acnacaatat ggttagcgag cctcatgaga ccaacagnga tttgctcaan aggttgtcca 300
 acatggctat cnccttctac ancgacaaga cggggataaa antggaactt gtcaagggtt 360
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<210> 6642
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B3
 <400> 6642

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tttattcgat ctgaatggcc tgcggttgat ataccacttg atcatcatgt tttcaaagtc 180
 ccaaaaggat ataatgcacc acaacaagta cacataactc aaggtgatta tgatggtaaa 240
 gctgttatca tctcttgggt tacacctgat gaacctgggt ctagccaagt acattacggt 300
 gcggttcagg ggaaatatga gtttgttgct caagggactt accataacta cacgttttac 360
 aagtataagt ctggctttat tcatcactgc cttgtctctg accttgagca tgatacaaaa 420
 tact 424

<210> 6645
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B6
 <400> 6645

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 acatcaacag ctcttggaac gcttcgcgcc ggtaanctc agccaccgca accgcttttt 180
 cancgattc ctcttctca ttcgctcgga cacgtggtgc gcgtcagaga atcgcttcat 240
 cgaaatcccc ggcgtcgtca ccgtctcng ttcggagacc atctgatgga ttcagtttcg 300
 atgttcggtc accgtcatct gattcatcga tctcatcacg gaagtcacga cgaaggggcc 360
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<210> 6646
 <211> 439
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-128-Q1-E1-B7
 <400> 6646

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 aatggactct actaccacac ctcttctctt ccgttcgaat actagatccg ctttgcgtct 180

agctcgaaac aacaaaactc tcgtaaaatc tcacattcca tctctcgatt tggtttttatt 240
gtctccgaag aacaacaacg gtactcctta cccatcacct gtttctctca gttcaccatc 300
ttctcctgtt actcttcgtg agattctcct tttatctcct tccccctctc gtaaatecgag 360
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ggagtaagac gaaaggggn 439

<210> 6647
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-128-Q1-E1-B8
<400> 6647

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gaagagaaaa ttggaggaag atgataatca gcagcagcag caacagcctg agcgtaaaag 180
gccagctctt gcaagtgtaa ttgtggaagc cttgaagatg gatagtttac agaggctttg 240
ttcttctttg gaaccgattc ttcgccgagt ggtaagttaa gaggtggagc gggcattggc 300
aaagcttggc cctgcaagac ttagtgaaaag gtcgtctcca aaacgaattg aaggtatcgg 360
tggaaggaat ttgcagctac aattcaggtc tagattgtct gttcctttgt tta 413

<210> 6648
<211> 415
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-C10
<400> 6648

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aattaacaat canttcgaga tcttctgata catctaanaa ggnagaactc tctgtanaaa 180
tatcaattcc ncctcaagtt gatcaatcaa gacctgaagg ttgagattc gatcgtttac 240

gctaccatca actccaaatc tccctgtaga cgccctcct ttgccacctc cttcacccaa 420
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<210> 6651
<211> 494
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-128-Q1-E1-A3

<400> 6651

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agtagagaaa tggcggggaat cgtgacagag ccgtggctcag tagctgagaa cggaaaccca 180
agcataacgg cgaaaggatc gagcagagaa ctaagacttg gaagaaccgc tcacaacatg 240
tcttcttctt ctttgaggaa aaaatcagac ctccgagtga ttcaagaagg ttccatacaa 300
aggtcttaaa gattttctct ctaatctcca agaagtcatt ctcggaacaa agcttgccat 360
tctttttccg gccattctg ccgccattat ttgcacctat tgtggcgtca agtcagcctt 420
gggatatttg ggacttagct tgctagggac tggacacctt tggctgangc gagtcaagct 480
ttttggcaga atan 494

<210> 6652
<211> 499
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-F1

<400> 6652

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ntgggaaaca cataaaagag agatttaata caaaaganag agaaaaaaga nagatatggc 120
aggactcatc aacaagatcn gagacgcact ccacattgga ggaggcaaca nggaangtga 180
gcacaagaag gaanaggaac acaagaaaca cgttgacgag cacaagagtg gtgagcacia 240
agaangtatt gttgacaaga tcaaagacaa gatccacggt ggtgaaggta aaagccacga 300

cngagaaggc aaaagccacg acggtgagaa naaaaagaac aangacaaga aggagaagaa 360
 acatcatgat gatggtcacc acagcagcag cagtgacagc gacagcgatt aaggtganga 420
 actgaggang atcgcttgaa gtaaacangt ctgggttctgg ctaatattaa ataatgttgc 480
 cgnaaggtcc taccacctt 499

<210> 6653
 <211> 495
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-126-Q1-E1-F12
 <400> 6653

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 agccaatggt gctcagttag agtttaagtt aagccttctt aagccactgg gaatcacgtc 180
 ttcagacctt gtgaagattc ttaactgtcg tcttaggttc tttagttgcc gtcttgcct 240
 tgatgaaagg atcaactact tcatggagat tttgggggtca aaagaggtgt tgcgcagagt 300
 cattatccgg aatccgtcac tcatgttgta tgacctcgat gacaagatca aacccgcgat 360
 agaatactac aaagggttgg gcttttagcca acaggatctt gtcgcaatgt tgatatcgcg 420
 acccacgttg attccaagaa caaactttaa caatgagaag ttgaatacat tgaagaaaac 480
 tggaagtcca caaga 495

<210> 6654
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F3
 <400> 6654

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 ctgtaacact ttttttgtgg gtatctcccc taaaaagaaa actttatatt tgntcttagn 180

aaatctgctt ttaaatttta naaaaatggg aaantgtttg atgggatgaa acaacgttga 240
 gaaaatgggt aaanaataag aagtantgaa taaagaatac angagataag atcgtaaagt 300
 aanatagtt ttgagaagag atgagttaga gaaactcatt ctttttcaag ctaaagtcca 360
 atggtnacgt cgacgggcaa nggagaaaca acttnggctt ctttttgtga ctttctaagg 420
 gagttagaag ctgacagatt tgccggaaaa nccgg 455

<210> 6655
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F5

 <400> 6655

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 gaaccaaaga taaatacata tgccaacttt agagatgatg tacttccccg tataaaaaag 180
 ctaggctata atgctgtgca gataatggcc attcaagagc atgcctacta tgccagcttt 240
 gggatatcatg tgacaaattt tttcgcacct agcagccgct ttggaacacc tgatgacctt 300
 aaatctttga tagacaaagc tcatgagcta ggtctggttg ttctgatgga tattgtgcac 360
 agccatgcat caaanacac actggatggg cctggacatg tttgatggta ctgatgggtc 420
 aatatttcca ctccgggatt gcctgggtaa 450

<210> 6656
 <211> 488
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-F8

 <400> 6656

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 gatggcttac attggaggct tcgttaatct aattactcta aatctttcag attgccagag 180

aatcaacagt tccaccctct ggcctatcac aggattaaca agtttgacag agttggacct 240
 ttcaagatgt ttcaaggtta cggatgctgg tatgaagcac ctccaatctg ttgtaaattct 300
 gaaaaagttg tggatttcac agacaggtgt cactgaagtt ggaatttctc ttcttgcttc 360
 acttaaaaaa ttgtctcttt tggatttggg cggcttacct gtaactgatc aagaacttga 420
 tttctctcca ggcactgaca aagctagagt accttgacat ccgggggaaa caacgttacc 480
 aancaaag 488

<210> 6657
 <211> 416
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G1
 <400> 6657

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 agaaaaatctc cttcagcagt ctccgatatg ggagcttggg caatgaatgt gataagctcc 180
 gttggaatca tcatggcgaa taaacaactt atgtctctct ctggattcgc atttagtttc 240
 gctacaactc tcaccggttt ccacttcgct ttaaccgcat tggtcggtat ggtatcaaac 300
 gctaccggat tctctgcttc gaagcatgta cctatgtggg aagcttattt ggttctccat 360
 tgctgctaatt gtctctattg ctgctatgaa cttcagctc atgcncaatt ccgttg 416

<210> 6658
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G10
 <400> 6658

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 aaggagatat agaggggtgg cgacactatg ccttatggga ggatccattc angaaaccgt 120
 gctatctatt tgctttggtg gctggacagc tagtgagcag agatgataca ttaccacac 180

gctctggtag gcagggtttcc ctgaaaatct ggactcctgc agaagatcta ccaaagactg 240
 cccatgccat gtattcccta aaagcgcca tgaagtggga tgaggatgtg ttcgggcttg 300
 agtatgacct ggatctcttc aacattgttg ctgttccaga ttttaacatg ggagccatgg 360
 naaacaagag tttgaatatt ttttaantcca agcttgtcct aagcatcctc n 411

<210> 6659
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G3
 <400> 6659

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 aatccagaga cggngaattc gtcacgcctc ttgttgccg tggtaatggg gacaatgcgg 180
 ttgcaccaca agtgtttaaat tctttaccag ctcttaatga agctgcttct tatataactc 240
 aagcaacgtc ttacttaagg agctgttttt ctgactattc agtagaatat ggtggcaagg 300
 atactatttc ccacccccat gagttgttac gatcaacttc cggagttgac gggaattccc 360
 cagtgaagtg tatgcatttc gcttgggtgaa aggttttcaa cttcntcaga aggcattctac 420
 atctgatgcc aacagcccg tgcagggaatc ctacagagan tctgccacag gnaacaaatg 480
 gcaataatgg ccttccaaa 499

<210> 6660
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-G7
 <400> 6660

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 aaaatgatat agaccttgaa ggggcttgtg aggccttctct agcgtgttca acgtgtcatg 180

tgattgtgat ggatactgaa tactataaca aacttgaaga accaacagat gaagagaatg 240
 atatgcttga tcttgctttt ggggtcacag aaacgtcacg actcggatgc caagtcattg 300
 caagaccaga gctagatggg gtgcgcttgg ctattccttc agcaacaagg aatttcgcgg 360
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 taatgatcaa agagctgnat caagtttcc 449

<210> 6661
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-H11
 <400> 6661

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 aaatgtcaag aaactgggga cagaactggc aaagcaacaa tctcttaaac ggtcaagcat 180
 tgtcatttaa ggtgactgct agtgatgggc gtaccgtcgt ctctaacaac attgctccag 240
 ctagttgggc ctttgggaaa accttcaccg gccgtcaatt ccgttaaaat tgagtcaagt 300
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 gagaggggtt aaggcttttt aggggttttta agtggagagc cttgaaactt cttctttgac 420
 tcttgagggt taaaatggag aaaagagctt gttttataag ggctcctttt aagtcatggt 480
 aaggattang 490

<210> 6662
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-H3
 <400> 6662

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aagagttcgg atggcgaaaa cttcgaaatt gacgaagcgg tggcgctaga gtcacanacc 180
atcaaacata tgattgaaga tgactgtacc gataatggta tccctctccc taatgtcaca 240
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tccgaaacca cggccgatgc tgctgctgct actactacca ccaccgtcgc gtcgggttct 360
agtgatgaag atctcaagac ttgggattct gagtttatca aagttgatna agggcactct 420
cctcgatctt aancctgggc tgccaactan cttgaa 456

<210> 6663
<211> 496
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-H4

<400> 6663
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gtcagcagct accggattta ttctcacggc caacgtcccg gcggcaatag gcggtggttc 180
ttcaaagagc accaccattg tgtctttctt gccgatgaga ancttcggtt caaggctagt 240
agtcagagcg gcggaagata cacctccggc aaccgcctcg tcggatagtt cttccaccac 300
cgctgctgct gtcctggcga aagttccggc cgctaaggct aaacctcctc caattggccc 360
aaangagagg atccaaggct aagattctaa nggnaaagaa tcatactggg tacaanaacg 420
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ccggttcccc ccaagg 496

<210> 6664
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-127-Q1-E1-A10

<400> 6664
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 aggcagcaaa acctagagac tccaccgtga atcagcaaca tcaatactat tacggaacgt 180
 ttcaaggcgt tgcgaattht cctactecta ctccaccacc gcantthtatg caaccacagc 240
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 gtgaattatg ctcaaggatt cccagttggt gttcttgatt atacagtgggt tgaagtgaag 360
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 ancaaggggc ttc 433

<210> 6665
 <211> 448
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-E8
 <400> 6665

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 ggatactagt ggtcttgaag gcacagctct taagatggtt gaggtgatc gcaactctaa 180
 gaactggtgg agaaagcttg aaatggtacg cgaggttata gttgggagtg ttgagaggga 240
 ggaacgattg aaggcgctca tatactctgc aattthattg aagtggataa acacagggtca 300
 gattccttgt tttgaagatg gagggcatca ccgthcaaac aggcattgcc agattthcaa 360
 gacttatatt ccgtgagttg gagcacatth gcagtaagaa agatgctact ccagaagaaa 420
 tnccttggtg ccccgnaaa tccaaccc 448

<210> 6666
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-D1
 <400> 6666

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accgcaaaga taaattctgc aactgagtct accgcatttg ctctgcaatc attaaagccc 180
gatgggtggtt cgtctgcgga gttagggttca caatggagtt acattaaaga acctattgga 240
atttccaaag ctgatgcatt cttgaaacct ggattgctag agcaagatta acacaacagc 300
tgataaaaagc gattacttgt ggtactcact aaggacggat ataaaaggcg atgagacttt 360
ccttgacgag ggatctaaag ccgtccttca cattgaatct cttgggtcaag tgggtctatgc 420
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tancgaatta 490

<210> 6667
<211> 450
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D12
<400> 6667

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tttacagaag ctgggttaaag gtgattggag aggtatctca agaaactatg tgaccactag 120
gacacctaca caagttgcta gccatgctca gaagtatttc atcagacaat ccaatgtctc 180
tcgtcgcaaa agacgttcta gtctctttga tatgggttct gatgagggtg ganatattcc 240
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tgactctatt catcagacac ttgctcctag ctacttcac gcaccgtcaa tcttggaat 360
cgaagaatgt gaatcaatgg actccacaag ctctaccaac gggggaacca ancgcanctg 420
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<210> 6668
<211> 421
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D2
<400> 6668

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tcggnacaag caagagttgt tgaagaccat acaatgtcac aagttatattt acangcagta 180
tcaaattngag ggggtactgg tctactgtta atgggtgacag gggcaagtca tgttgagtat 240
ggttcaanag gaacagggttt gccagcaagg atctcaagga agtttccaaa gannnaccaa 300
gttgttgat tacttgacct tgaaagacag ttcttgcgaa gaganggcga aactccantt 360
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g 421

<210> 6669
<211> 419
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D6
<400> 6669

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agcccgagaga tcgatcggat ttttttgtat tttgtatatt tgttgtagat ctaaagtctt 180
ttgttcagtt ttgttgatt gttttgctga tctgggtttt gtattatttg gataacagat 240
cattaacgat cgtgagactg gaagatcaag gggattcgga ttcgtcacct tcaaggatga 300
gaaagccatg aaggatgcga ttgagggaat gaacggacaa gatccgatgg ccgtagcatc 360
actgttaacg aagctcagtc acgaagaanc cgtggcgcng aaggccaccg tngaagttg 419

<210> 6670
<211> 448
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-D9
<400> 6670

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atctaattct ctctctccct cggattcggt agatgtgatc attttttctt gatttttgat 180
cagattcttg cgtatagctg tatatatata ccaagatata ctcatcatcg tcatatatag 240
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gtcgtacgag gaatcggagg ccacgtgtta tcaccggaga ctctctcctc gaacatctgg 360
cctcttctc tgtcacatcc aacaccatca acgtcaggat cttaacatan accccttcgg 420
agatcctttg tgagcatgga cgattcac 448

<210> 6671
<211> 441
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-E1
<400> 6671

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gactcacaga ggtctgcgta aggttgcttg tattggtgctg tggcatcctg ctagagtgtc 180
ctacactgtt gctagggctg gtcagaacgg ttaccatcac cgtactgagc ttaacaagaa 240
gatttacagg ttgggtaagg ttggtactga ggcacacaca gccatgactg aatatgacag 300
gactganaag gatgtgactc caatgggagg cttccacacac tacggtattg tgaaggatga 360
ctacttgatg attaangggg tgctgtgttg gtcccaagaa gnanantttg taactcctca 420
aaacagtcaa ctntcaatc a 441

<210> 6672
<211> 494
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-E10
<400> 6672

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tcgaaatcgg agaattagcc aaacgatgga cgccgacgga atattccgca gcattcttcga 120
 gggttgtatc tccggccttg attccgccat cgaacggcgt ccttaccaca aaaactgcgg 180
 atgtgctctt cacgataaat caagtggcgc tgggaaaaat caaatcagc gatggccgcc 240
 gtcttgctgc cgccacggaa gctcagagag catctcggtc cggatcnnaa ggtcttggan 300
 cgaangcaac atcanggcta tgaatctctt ctctcatcg tcgtcttctt ctaatctcca 360
 atcgctttct tcgncttctt cgtctctaaa tcnngcatca agatttaccg gtgngataat 420
 gctncgactg nggaaccgat caggatctan taanngacct acnatggacg attgatgaan 480
 gtgaagatga ttga 494

<210> 6673
 <211> 501
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-E2
 <400> 6673

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 aagtagccgc gtttcttgat tctcccattg tcgaagacga agaangcgaa gaaagagaag 120
 aggaagaaga aggaggtatc gtttcaaattg ccaactttac gtttgagttt gatccataca 180
 tgatgagcaa agccgaatca ntgaacaaag ctctagaaga agcaattcca gtcggagagc 240
 cactcaagat tcatgaagcc atgcgatacg cgattcttgc ggctggaaaa cgtgttaggc 300
 caatactctg ctttgcttct tgcgagctag taggtggcca agaaaatgcg gcaatgcccc 360
 ccgcttgctg ggttgacgat gatccacacg atgtctctaa tcaaagacga tttgccttgt 420
 atggacaacg acgatttgcg tcgtggaaag cccacgacgc acaaagtcta ccgnnaaagg 480
 agttgcaatc cccccggggg g 501

<210> 6674
 <211> 534
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-E3

<400> 6674

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 actctcctcc gttggtaatt tctcctactg ggaattgctc aagctttctt ggggtcccgtc 180
 gaccgcttgg tttccctcct tagctttgcc naccggggtg gcgaagccaa ntccaagcgg 240
 ttcggtctct ctgccggaag tcnggatcat taaaaagctc tcgtcttcga agatcgtgat 300
 gacnttcggg gctcgtcnac accggtctac gccacagccg ttggacccca agaacgggta 360
 antctcggaa caatcgcacc aaatcgccat angtttcatc gttgggaact aaacatcctc 420
 cgccgggtgg gaagctttca gcgggagctt ccatgaaacc cagccgttgc tttcggganc 480
 aagccggtcg taaagctggg acgttgggac caancaacgg ggtttaactg gggg 534

<210> 6675

<211> 503

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-E4

<400> 6675

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 atgaattctc gtagtaacaa cacaagcact ttggttcatc ctggaccatc tagtcagcct 120
 tgtggtgtgg aaagaaactt atctgtccag catcttgatt cttcagccgc aaaccaagca 180
 actgagaagt ttgtctccca aatgtccttc atggaaaatg tgagatcttc ggcacagcat 240
 gatcagagga aaatgggtgag agaggaagaa gattttgcag ttccagtata tattaactca 300
 agaagatctc agtctcatgg caagaaccaa gagtgggtatt gagaaggaaa aacacacccc 360
 aatgggtggca cctagctctc atcactccat tcgatttcaa gaagtgaatc agacaggctc 420
 aaagcaaaac gtatgtttgg ctacttgctc aaaacctgaa gttaaggatn aaggtaagg 480
 cnaatgcaan gtccaggtgg ctt 503

<210> 6676

<211> 420

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-A7

<400> 6680

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ccccacgcgt ccgaacatttt ctctgggtca gaatcgacgc catggaaatg taaagaagaa 120
acaaagacga gctctcaaatt ccagcagcaa tggcttttct tctttctaatt ctatcatctc 180
cgtaaatcca tcttcaaacc ggaaaatacc caaaccttaa acccattttc agtcaatctc 240
tatcgtcttc gtcttctggt agctacgaat ttgtagaaga gaatctatct acactctctc 300
tattgagcat ccagtctcct cctcttaaag acacgcaagt tcagacaaga cacagttcgc 360
aagataagca taataaccac gacagagatg aattctatat caatcttggg gtcgctgtcc 420
gtacacttcg tgaagatttg cctttgctct tctactagaag atnttaattt cgaaatccan 480
aagggatg 488
  
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<210> 6681
 <211> 491
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-B3

<400> 6681

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tgatgggtgc attcagtttc cgacancgat cacaagtgc tegtgtgtct tgaggaagta 180
ttatctcaaa gtttcctttt cagctggaac atgtgtatta ncttgaaaaa ncggtgtcct 240
cactccaatc aacagatgaa ncattgnaca gccttgccaa tgaatctcca aaccctgagg 300
aangtattga tgaaccacaa gttgggtatg aggttcaagg attcattgat gggaagtgtg 360
atagcggcta tctggtgacg atganattgg gttctcaaga gctgaaangt gtcctttaac 420
acattcctca aacgccaagt cagtctcaac aaaccatggg aacaccttna gccattgggt 480
naatcctcca a 491
  
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<210> 6682

<211> 431
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-B5

 <400> 6682

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 tctggctttc cgaccaaccc ttcccaattc aaagtctcac agttcggaca tgggcagtcg 180
 aatccaacgt ttctgataga ggttggtcga gggagttcct tgaaacgata cgttttgagg 240
 aagaagctc ctggcaagct tcttcaatct gctcatgctg ttgatcgaga gtttcaggtg 300
 cttcgggctt taggtgaaca tacacaggtt cctgttcta aagtcttctg cttatgcact 360
 gaccctgctg tcattgggac tgctttttac attatggagt ttatggaagg acgtaatttc 420
 antggattca a 431

<210> 6683
 <211> 408
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-B6

 <400> 6683

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 anacagagag cagaaagaac caaatcagg tccgatggct tcagccttgg agatcacaca 120
 gattccatgc aagctctgtg accataaact ggtgtatggg acaacacgca ggtctgtagc 180
 gtacagacca gctatgttgt caatggtggc gattgctgcg gtttgctct gtgtggcact 240
 tctgtttaag agttgcccg aagtgtcta tgtgtttcaa cgttcagggt gggagttatt 300
 ggactatgga acaagctgag tgtaagtcta ctttgaaaga tcttctaaga tatatatatg 360
 aatgttactt atataaaacc catagaggtg tgatttccaa tatgttac 408

<210> 6684
 <211> 400
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-B7

<400> 6684

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tactgctgtg cagctctcat gacaaagggt gcaggctcta catctgtgat accagttacc 120

gacattccaa ttgccttgac cggtttaaga aattgcattc tgaatccgca aatgacccta 180

ctcccagaggc gaacttggtc tcaagggaac ataataacga atctctatac gagcatggta 240

cagccagtgc aagcagtttt caccgtgagt ctggaaaccg aggctcttct tgggattccg 300

aatcactgag gaggaggagg agagttgagg aagaagttga gtcagaagat atcacaaatt 360

tgaaatgtcc tctatgccgg ggtactgttt taggatgggn 400

<210> 6685

<211> 496

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-B8

<400> 6685

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ggaattaact gatctcgta atggcggagg tggaggagat tgcgcacgag gagcagaata 180

tcgagaagag ggagaagaag aaaggtaaac acgagaagcc gaagccatgg gatgatgacc 240

caaacatcga ccgttggaac atcgagaagt ttgatccggc atggaacccc actggtatga 300

ctgaaaccag caggttctca aactctttc ctcaatacag agagaagtat cttcaggagt 360

gttggcctag agttgaatct gctcttaagg agtacggtgt cncctgcaag ctcaacttgg 420

ttgaagggtc tatgactgtt tcgacgacna gggaagacna ganatncata catcatttgt 480

caaaacnaag ggattt 496

<210> 6686

<211> 409

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-C10

<400> 6686

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tcacggaagc aaagaataca attccaaacc ctaatcccga tcatccgtct ttcctctccg 180
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agtcgttggt gatcccaaat acgctgataa aacttggcag attcttgagc gtgcgatcca 300
tcagatttac aatcaagatg ctacgggtct caagtttccg angaacttta cagaaatggg 360
tacaacatgg tcttgcacaa agtttggtga gaagctatat ancgggggtt 409

<210> 6687

<211> 452

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-126-Q1-E1-C12

<400> 6687

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tgttctgagc ctcttagtag tgaccgcagc caatatattt atttttgtaa tttaaaaact 180
cactattaca ggcaaattag taaagttggc gaatcaacgc ccctgaaaga tttctgtttt 240
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ctgtagatag attagatgga tcaaactcgtt aatgtggatg aagtttcaag agctgggcta 360
aacangccct ccctaagatg tactatgatt tctacaatgg angancaaga ggattaacac 420
actcctcnaa tggaaaaatg tccaagnctt cc 452

<210> 6688

<211> 501

<212> DNA

<213> Arabidopsis thaliana

<211> 551
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-C4

<400> 6690

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tggggctaata tgagacagaa cattcctcct aacgggaaat gtttcgggtt acgtccaatg 180
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ggaaaacgat gacgcaccc cttaagggaatg cttttgctca cttccgggtga cgttggtgat 300
gcnaaaagtt atcgttgata agaanagaca cggaagatn aaaggggggtt tgggatttgt 360
caaacttcaa tgatgaaggg tgctgcaaac tgctngccat atcacgaaga tggaccggaa 420
aaggaactga atgggtccgtc acatccgaag ttgaatcctg gctaattgat aagaacccaa 480
gtgctccacc gggccttaaa ggaagtgggt gggtnngaata aaaattngnn ggaagggttg 540
agggtaccg g 551
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<210> 6691
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-126-Q1-E1-C7

<400> 6691

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tcattcatat ccaacaaaaa atatcaatga tgtcttttgt cgcaaacttg gccatcaaga 180
gatttgacca tgcttccacc gtgtatgttg aagatgtggg agatagttct cgagtggcat 240
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tgtttcctat tagtatatga ttgtaattta ggaggaaaca aaaagacaga gatgataagg 360
taatttanat atctagctag gccatgtatg tactaaatag tttgggtgagt cttcttatag 420
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atgaacaaac atggtttcca tagatgtnta cttgtgggat tgatantgtc ccctaaattt 480
 tggaa 485

<210> 6692
 <211> 394
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-C8
 <400> 6692

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 atggcgataa naanactgg tggttcactc acagaaagct tggtganaag tatataaagg 180
 atgcaacaac tttaatggca agtgaggagg caaacgacgt cgcttcagct cttcanttac 240
 tagacgcagc cttanctatc tccccgcgtt tggaaactgc gttagagctc aaggctanat 300
 ntctcctctt cctccgtcgt ttcaaggatg tcgccgatat gcttcaggat tatatcccca 360
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<210> 6693
 <211> 447
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-126-Q1-E1-A6
 <400> 6693

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 gggtataaca acgttgatgt tgaagctgcc aataagtatg gaattgctgt cggtaacact 180
 ccgggagtgt tgactgagac gacggctgaa ctagctgctt ctctttcctt ggctgctgca 240
 agaagaattg ttgaagccga cgaattcatg agaggtggct tgtacgaggg atggcttcct 300
 catctgtttg tggggaactt acttaaagga cagactgttg gagttattgg gagctggacg 360
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664730"1E3EE60

ttgatcttac caatccantc ctctga

447

<210> 6694
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-A1

<400> 6694

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tttgccaact agggagtgtc gctgctgtgg gagaaaacaa gctgactccn tccatctgat 360
ggtgactcgg aatcaatgat gatgatgatt atnanaggca tgactgctan gaactttgnc 420
cccgttaggt 430

<210> 6695
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-A4

<400> 6695

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tgcatgtcat tgactggaat cccgcaggct aattttcgtc catacaagct acacaatcga 180
gacagttgaa gctgaacgga tatcagttga tcatgttgca catcttaaac catctgacgg 240
aggctcagca gcaaccctagt tggctgtctc tcttactggt atacatagtg ccatcaagat 300
gcttaatagc agaatcagag tgctttacca aaatcttgct gcaatgcaga aagggtgataa 360
atcttgtagc aactcagttc tgagacaagt atctagcctg ctaagaagat tgctgccat 420

ggaatcagag agatttcaag ataatttcct ggatggagta caacgacaaa ttactaatt 479

<210> 6696
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-A6

<400> 6696

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gggaagcttt gttacgtctt ccatgcttct ctctgtgccc atgtacgacc aatcctttgt 180
tcccttcatt cgcaagaaaa ccggaaaccc tagagggatt actttactcc aaagactagg 240
ggtagggttt gcgatacaaa ttgttgcaat cgcgattgct tcggctgtgg aggtcaagag 300
gatgcgcgtg ataaaggaat ttcacataac tagtccgaca caagttgtgc ctatgagcat 360
tttcnggttg ctccctcaag tactctctnt cnaggcattg gggatgtgtt taacgcaatt 420
ggnttgcttg agttttt 437

<210> 6697
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-B1

<400> 6697

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gaacgataaa gagtgtcctg caagcatggc aaagactttt gtggttcaag agatgtatga 180
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cgaagtttct caactcgttt ctcttgtaac caatctgaga cttgctggaa gaagaggtca 300
acttcaaagt gaggcatatg tgggttataa acggccaaat agaggacatg gacgtgagat 360
gatccaactc ggtcttccta tangctgata cgccgcctga tgatnatagt atca 414

anaagaagga aagttgttga tggaagtagt tgcaacgatg aagatatgat aaaagaccac 480
tcaaatacat gagg 494

<210> 6700
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-C7

<400> 6700

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tgcttagctc gaaaaatggc atcttcagcc gcccaaatcc acgttctcgg cggaattgga 180
ttcgcttctt cttcttcttc caatagaaat ctcaatggta aaggcggtac ctttatgccc 240
agaagtgcct tcttcgggtac aagaaccggg cttttctcca caccacttc tgcttttctc 300
anaatgggca ccagaantgg cggcgggcgt tctagatacg cggttgggtc gggtcgtgtg 360
gttaacgang aagggtgttg gaattgattt gggtacgact aactctgcag tagcngctat 420
ggaaggangt aagcctacga ttgtgactaa cgctgaaggg cagaggacaa cggccttctg 480
ttgtgg 486

<210> 6701
<211> 481
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-D3

<400> 6701

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ttcttggtga gacactgttt cttcttggtc tgtgattttt gttttgttct cattaggacg 180
ttctttattc cggttcagat ttactggatc gtcattttct ctttgaaatt gtattttttt 240
gttccttttc tggatatgtg tgaaagctat gagattgctg taagaatcca agactgacca 300

acatgtttcc cctgtgctcg gccacaagct gccgttacca ttctcagatt ttatttcctg 360
gcaattggcg aggcgtgttct tccttcagga gagagttgat tcacagatac agttcaggtg 420
acaatgcctt ctttgggtat ctctaattgga acacgcctgc agaagagttt cgtacctcaa 480
g 481

<210> 6702
<211> 431
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-D4
<400> 6702

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agggtgattc agcangaaca gtcactgctt tctacatgtc ttcagatggt ccgaaccaca 120
angaattcga ttttgagttc tnaggggaaca ctaccggcga gccntacaga ntccatgacc 180
aatatctacg ctgaacggag ttggaaacan agaacaaaga ctcaaccntt ggttcgatgc 240
caccactgag tttcacactt actcaatcct ctggagtaaa cgcagtgttg tnttcatggt 300
agactaaaca ccgattcnag ttcangaana atcttgaang agaaaggat cccatttgct 360
naagatcaag caatgggtgt tnacaagcnc canttggaan gcaggttgat tgggctacac 420
aaggaggtct t 431

<210> 6703
<211> 485
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-124-Q1-E1-E1
<400> 6703

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ccnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnta 120
actatggntc ttctctttct ctttttctct cttctctct cttacctctt tttcaagatc 180
tggaactca tagactcaaa gcaagacaaa gattgctaca ttttagacta ccaatgtcat 240

aaaccaaccg acgatcgaat ggtgagcact caattcagtg gngagatcat ttatcgaaac 300
 caaaaccttg gtttaaccga atacaagtgc cttctcaaag ccatagtaag ctcagggatt 360
 ggngaacaaa cctacgtcc aaganttgtc tttgaaggtc gagaagagcg tccttcgtta 420
 caagatgggg atctccgaga tggaangagt tctacgtgga caagcatcgg aaaactcccn 480
 ggaga 485

<210> 6704
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-124-Q1-E1-E2
 <400> 6704

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 cgattggagt tggtgctctt tgtgatctca caggggttat gccnattcct aacattaaag 180
 ttcttgcaag tagtgctata ttctacactc cttttctaag gcatatatgg acatgggttag 240
 ggctcaccgc tgcttctagg aanaatttca cttccctttt ggattctggc tacagttgtg 300
 ttcttgtagc tgggtgggtgt gcaggagact tttcanatgc ancatgatgc tgagaatgtc 360
 ttcctttcaa gganaanang atttgtgcgc ananccatgg gaacaggggg agccctctgg 420
 gttccagtaa tctgctttgg tcaagggnac gcctg 455

<210> 6705
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-124-Q1-E1-E4
 <400> 6705

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 gagatgtctc tcttttgaat cccattcttg tgcactgcag gacttctgca aagccctttt 180

atgCGattat ccacaggggtt acagggagca tcatcatcga ctttgaaccc gtgaagcctt 240
atgaagtccc catgacagct gctgggtgcct tacaatcata caagctcgct gccaaagcaa 300
tcactaggct gcaatcttta cccagcgggg agtatggaaa ggctttgtga tanaatgggtt 360
caagacgttt ttgaacncca cngggtatga catgggtgatg gcttataagt ttcatagaaga 420
tgatcacngt gaggttgctc cccnangtta caaaaacctg gggctgna 468

<210> 6706
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-H5
<400> 6706

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gcttctctcg tcgatattct ctctcttccc gcttaagcct tcggctagat atcaatggaa 180
aggtcgtata gcaatgcaag aatggccaac agtttcacgt tctggaatga ttgtgttgaa 240
gccagaggat ttagaanaaa tgtggatgga tctgcggtc agtgctgaat ggattgatgt 300
tggagagact aaaggccaga aggttcacct ctcaanggat cctgatggtc agccttatct 360
tacacagacc gagatgaggg ctgtttctga tataactgtc cggaggcatt ttggattcca 420
tcttggattc ggnaatgat 439

<210> 6707
<211> 435
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-C10
<400> 6707

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tggttgagta cactgccaat ctctccgcca agttcatcan ngagaaaggc cttttcaccg 180

ttgttctctc cggcggtgac ctaatcgatt ggctctgcaa gttggtgcaa cctccttata 240
 ttgattcaat cgaatggcca naatggcacg tcttttgggt cgatgagagg gtttgtgcat 300
 gggaagatcc atacagtaac tacaaactcg ccatggaggg ttttctctcn aangttccga 360
 ttccggataa gaacatctaa tcaatcgaca angcacttgg gcggctgatg gtaaacgccg 420
 agcaantgcg gcgaa 435

<210> 6708
 <211> 470
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-C12
 <400> 6708

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 tctctattgt atctcggggn acaggttgan gtagagtatg caagatggaa ncaagttcaa 180
 tttttcatca gagtttctga gaattcatag tccagctgct gatggnaaag tcagatcaat 240
 cggtggtgaa aaggtgatat ctggaaggcg gtatgtagga atcatgtctn canaaccggg 300
 ttggaancta cggggtaang ttagtgtttg atgacttgca tanaacaggg gatatatcca 360
 tgggattagg ttctacgagc ttgggagcaa taanttttgg gtcttannna ggaanctata 420
 ntcnaggact ctttaannn gcagtantcc tcaagcccg tgaaccctcc 470

<210> 6709
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-C4
 <400> 6709

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 catgaattct cttatactcg gtgctgctag aaggttcgtg gggttgcatt tgagagtttc 180

agtgaacctt ttgcaaaatg aatctttctc ttcgtattcg ttctcttctg ctagtgctgc 240
 tgatgtgagc cctaaagggg agacctttaa atcctcgccc ttccttgatt cactgcgttt 300
 agctacaaaa ctactgaca aggggaaatt ctgattccgt tctggatctc tcaagaagtt 360
 atgggttcac tgattctcaa gatctccaag catcaatcag gaagtgattc caaggagtgc 420
 ntanaagacn nttgatgcga acaatcccct tgggttaaaa gcct 464

<210> 6710
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-C5
 <400> 6710

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 gtttgggtga gatccgtgtc caaatgtgat gaagaaactc gcggtggaag ccgtttgtgc 180
 ttaaataaaa gcagacgcan cagcaatcaa aagactgtaa aggtgggttac ttacgcattc 240
 ttacagggtt ctgatgggat tagtatgttt tatgaagaca acagaagaag ttggtatttt 300
 tctagctcct tattttatca cgggtggaag ttgtacaang ggacgcanca cgccgttcan 360
 caatttgcaa gagttgtgat ttatntgtta ataanccttg ggaaggggtt tgttnttgta 420

<210> 6711
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-123-Q1-E2-D4
 <400> 6711

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 cttgttattt tcttccgtta accatctggg ataggttgct gctggactct ttagatggca 180
 gactctcgga atggtaatgc ccgagcccct ctagtggag tgccctcaaa agctgggaat 240
 acttattcca tagatgttaa aaactttatc tcacgtgcaa gagcattgta tgaacactgg 300

gaagaagcac agtgcagact tatggggatc tgccgacgct cttgcattgc aaccctcct 360
 ggcttctgat gatctgcgtt acctgaaaac ctcagcggtg aataatttgg gctccctggg 420
 gtaatgaagt tccaagatac aaattaaggg ttttaaca 458

<210> 6712
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-D5
 <400> 6712

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 cacggcgggga ccagacgctc accaagcggg ggcgtttaga tccgacagcg atttttctct 180
 gatcgagaat tgcgagttcc ttgggaacca agacactctc tatgcccattg gtcttcgtca 240
 gttctacaaa aactgtcgta tccaaggaaa tgttgacttt atctttggga attcagctgc 300
 tgtcttccaa gactgtgaaa tctaatcgc accgcgtcaa attaaccctg aaaanggcga 360
 gaaaaacgca gtcactgcc aaggaaggat tgacncgten cangtccacg gggtttccgt 420
 gttccttgaa cngtttgatt aacggaacan gangagtaca tgangcctgt ttaaagctan 480
 cccta 485

<210> 6713
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-E2
 <400> 6713

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 tttagggtta tggctgctga tagcagatct ccaagagacg ggaagcatct tgaggcttta 180
 ggttacttca atcctttgcc aggccaggac ggtggttaaga ggatgggtct caagttcgat 240

cgaattaagt actggttatac tggttggtgct cagccatcag acccggttca acgtctccta 300
 ttcagatccg gtttacttcc tctctctcca atggtggcta tgggacgtaa ngggtggagc 360
 acgaagacac acgcccagtt gatccgatga ctggtccgct atgtggatgc aagagaataa 420
 agcagttaat gccaaatgat aaccaagncc taagggaaga aggatacaag aagccaaaga 480

<210> 6714
 <211> 427
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-E4
 <400> 6714

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 aataacgcnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnngaccag attcaaaatt gcgtagcgta ctaattcaat 180
 atagagagaa gttagatcaa aagaagaaca cgaaactctg actgtgtctc tctttctctt 240
 cgtgtgtttc tatatttata tataanaaga caagatctct ggtctggaat tagaagaatc 300
 ttatttgggg ttttttctta ggattaagct ctaatggcan gatcangtac agngagcgga 360
 cttagnagg aganntctac ttgggcagtt ngctggttgt ttgctttgtc ctactctgta 420
 tttcnga 427

<210> 6715
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-E6
 <400> 6715

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 ggagaccgga gactgccccg ttacgggaaa gagagatgag atcatgttgt tcggagttag 180
 agtcgtggtt gatccgatga gaaagtgtgt gagtttgaac aatctctctg attatgaaaa 240

gtcttctccg gaggatgaga tccctaagat agtcaccgcc ggagctggag atggtgaaga 300
taanaacgaa acggatgcga cngtgattgt cgctgacggg tacgcctccg ccaatgacgc 360
tgtccaagat ttccgtcntc ttccggcggg gangaaacga ngggttccat gggacngaga 420
ancgaancan aaagaggntc gtggantggg gttgccaa 458

<210> 6716
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-F2
<400> 6716

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gtggtgatga tcttgaggat gatgcttgct ctaggccaca gcctttttct ttaagagaat 180
cctagaagta aaacctgggt tgagattttg gagaatgtgc tttggattgc atctgctgtc 240
ttcattgtct attttggaga caggcactct aatatgatac atattctctt accgtgatgc 300
tcgggatcaa aaggatgcct ttgtatttcg ggatggtggg aatagctgtg aacattataa 360
tcataatcta cganagcatg ttatcttggg ggcaaggaga angnttgatg agaaatggga 420
actgntggag taccctgtg ggcctanatg gggct 455

<210> 6717
<211> 506
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-F4
<400> 6717

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aatggcgacc accgcatctt catctctccc ccgtaattac tccttcacaa ctccgcgacc 180
ttcatcattc atccgaggac cgccattagc tagaacgctg cctctctatc tccgcggtaa 240

ccgtcgagta gctctcactt accgattgga ccagaattcg aagcagagaa gtggtggaaa 300
cgtaagatgc gaggcgacgg aggtatcttc ttcttcttct gtatccacac ctggaangaa 360
ttgggtgccg gtggtgcccg ttatcggcgc ttccgaaagg tgaacggcga gtggttaatn 420
aaagacgaat gagacgatat tggtggcctt tggtannaag naangatgtt ttttgcaatt 480
ngngaatcgt ttcacaagcc tgaang 506

<210> 6718
<211> 410
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-F5
<400> 6718

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tttgaagatg gtgacctagt tgttttctca gaagttgagg gtatgacaga attgaatgat 180
gggaaaccaa ggaagataaa aagtacacgg ccatattcat tcacccttga tgacgacact 240
actaactatg gaacatatgt gaanggtggt attgtcactc aagtgaacaa gccaaagtta 300
ctgaatttca agccattgag ggaagcgctt aangatccan gggattttcn atttagtgat 360
ttctctaant ttgatcgggc cncnactcct tcacttagca ttccaggcaa 410

<210> 6719
<211> 500
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-G7
<400> 6719

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ccttccttgt tgtcatcgtc ttctcagtc tctcaatttc ttcccagatt ccccaacgcy 180
actagattca atgtaactcc acggagcaga gccgccaccg tcgtcgcggc atccgtcacc 240

gacctagccg gggtcgacag tacaacaatc gccgtactcg gtggaggatc cgtagcagca 300
 ctccggcgga tggtttcctt aacggatccg ganaggaggc ggaaattgca ggccggaggaa 360
 gttggcggag gcgataagga ggttgtgang gagtatttca atagcacggg gttccaagag 420
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<210> 6720
 <211> 454
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-C1
 <400> 6720

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 aagagttggc tttcttcttt cccagggagg agaatttgca tttgttgtgt tctctctagc 180
 caacaggcta ggagtgttc caaatgagct gaacaaactg ctcattatcg tagttgtttt 240
 gtctatggca ttaacacctt atcttaacca acttggaagg aaaagccgcc gattttcttg 300
 atgagagact tgatcccgga agagaaaata cgtgaagatg tnaacttcca atgttaagtg 360
 aatcaattgt naacattggn tttggacaaa tggggtcang gttctgggcc aaatttttgt 420
 caacgccccaa ttgggtctca agataagtgn ttct 454

<210> 6721
 <211> 486
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E1-F2
 <400> 6721

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 tgggtggggg tacattaggc aaagacatag ccaaggttat gcttctgggtg gtgatgatct 180

tgaggatgat gcttgctcta ggccacagcc tttttcttta gagaatccta gaagtaaaac 240
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tggagacagg cactctaata tgatacatat tctcttacgt gatgctcgga tcaaaaggat 360
gcctttgtat ttcgggatgt tgggaatagc tgtgaacatt ataatacataa tctacgaaag 420
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gtggnc 486

<210> 6722
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-123-Q1-E1-F5
<400> 6722

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gagaggcttg agtttgaaga tgggtgacct gttgttttct cagaagttga gggatgaca 180
gaattgaatg atgggaaacc aaggaagata aaaagtaac ggccatattc attcaccctt 240
gatgaggaca ctactaacta tggaacatat gtgaagggtg gtattgtcac tcaagtgaaa 300
cagccaaagt tactgaattt caagccattg aggggaagcg ttaaggatcc aggggatttt 360
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cttgatcatt tta 433

<210> 6723
<211> 487
<212> DNA
<213> Arabidopsis thaliana
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<223> Clone ID: LIB24-123-Q1-E1-G1
<400> 6723

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aaaacacggt ggtgctacgg gcggagcaca agaatgaaga aggccggaaa tctgttgata 180
 agttcgaagt gaagacacgt aatccggaga cgatcaagag cgttgagcgg aagcttatgg 240
 agaaagggtgt tcaacggatg gatcgctcatc cttccgatgg gattcctctc aggcgaccac 300
 catcgaagtc aggtcacggc gggaaagtac acgtgggaag gacctgatcg gatggaggat 360
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<210> 6724
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E1-G7
 <400> 6724

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 cgactagatt caatgtaact ccacggagca gagccgccac cgtcgtcgcg gcatccgtca 180
 ccgacctagc cggggtcgac agtacaacaa tcgccgtact cggtgaggga tccgtagcag 240
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 aagttggcgg aggcgataag gaggttgtga gggagtattt caatagcacg gggttcgaga 360
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<210> 6725
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E1-H1
 <400> 6725

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 caccgtcaaa aagagcaaga atatcttgtt tgtgatatca aaacctgatg tgttcaagag 120

tccagcttca gatacatatg tgatctttgg tgaggccaag atagaggatt tgagctcgca 180
gctgcagagt caagccgcag agcagttcaa ggctcccaac ctcagcaacg tgatttcaca 240
gggagaaaca tcgaagtgt gcaactgcag ctgctgttca agatgatgat gatgaagagg 300
tanacgaaga gggagtagan ccaaangaca tcgaacttgt gatgacccca agcanggatg 360
tctaaagcca aagggcagtt aaaggcgcct caaacctcgc ctaatgggag atatagtctc 420
tgcccatcaa gggagct 437

<210> 6726
<211> 482
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-H3

<400> 6726
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ttggtaaaag ttgtattgtc cttcgatttg tacgtgggtca gtttgacgct acatctaagg 180
taactgttgg agcctcgttc ttgtcccaaa ctatagcatt gcaagactct accacagtga 240
agtttgaaat atgggataca gcaggacagg agaggatttc tgctcttgca ccactatact 300
accgtggagc tggagttgct gttattgtgt atgatataac aagccctgaa tcgttcaaga 360
aagcacagta ttgggttaag gaactgcaaa agcatggaag cccagatatt gttatggctc 420
cggttggtaa caaaagctga tctacatgaa aaaagagaag tacctactga ggatggaatg 480
gg 482

<210> 6727
<211> 428
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-H5

<400> 6727
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cttcatcatc ttctttctctc tggattcgcc gagaaacctt cttcctctgc ttctctcgtc 120
gatattctct tccttcccgc ttaagccttc ggctagatat caatggaaag gtcgtatagc 180
aatgcaagaa tggccaacag tttcacgttc tggaatgatt gtgttgagcc agaggattta 240
tnaagaaatg tggatggatc ctgcggtcag tgctgaatgg attgangttg ganagactaa 300
angccagaag gttcacctct caagggatcc tgatgggtcaa gccttatctt acacaagacc 360
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gattccgg 428

<210> 6728
<211> 399
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-H6
<400> 6728

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tagccnanct ggactanagt tgctttctca gtccggcaag aaaacccgac atcatacatt 120
gtcatgactg gcaaacagct tttgttgccg ngctgtattg ggatctgtat gtcctcaaagg 180
gattacattc tgnangaana tgctttanat gtcanaattt tgagtatcaa agtaccgcgt 240
ctgcttcana attgggatct tgccgggcttg atgttaacca gntaaataga ccagacatga 300
atgcacgatn actccgtctg gagatanagt caatccngtt aanggcgcta taattttctc 360
aaacattgta acancccggt gtcccctact taagcacia 399

<210> 6729
<211> 407
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-A4
<400> 6729

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gttgacaatg atgcggtgat tgctcagttt tatcaagacg aattgtctag agttgctcga 180
gccgaagcat cggggatcaa tagtcttagt cctacttctg ttgttgaca agactggcct 240
catcctcatc aaggacagga aaatcaaggg gaagccattg atattactca ggaaagtgat 300
attcttcata atcataacgg taacatggaa gataagaatg ttgcaaggat aagatttgaa 360
ggagggcaaa gttcccatct cgtgatgatg actcaatttg gtcnngt 407

<210> 6730
<211> 500
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-A7
<400> 6730

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ctgagctatc tctggatcag cttgggatcc gccacgtcac ttctgacagc cgccggagat 120
gaacctcagc tgaccgttct tcagatcgga tcttctgtgt gtaaccgtcg aggaggacnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngaaac 240
actctaattg cgacaatgag caaagctcaa aggaccaaac ccacttctgg atctcagcgt 300
cttggttctgt tctgtatagt tgtgttctca ttctctctcc tcttctcttc ggtgatctcc 360
accggggcaaa ttgggattgc cttatcanac aaaccctaan cgacnatttc ggtgtgggtct 420
cctcgtggna aggagagagc antccgtttg tcnagagaagt acntgtantn gggaaaanagn 480
attgaagtgg ccctggcana 500

<210> 6731
<211> 444
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E2-B12
<400> 6731

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tgggtcgcca aaacattgtc gtcgtggttg cctcgtctt catggccatc attggccttg 180
 ccgcagctgc ctctctcca tctcttcag cgtctccctc caaagctcca gctgcctcca 240
 aaaccgatca tgtegagget ccagtcaccg atgaccaa atcggaaccacc gatgacgatg 300
 cagctcctac tcttggtgac ggtgacgttg cagtggctgg tctcttagga agtgactcct 360
 cgtacgacaa tgcgcctaca ggctctgctg attctgcaa aagcgggtgcg gcagctcttg 420
 ggcntctctg cggtcgtccg ntgg 444

<210> 6732
 <211> 496
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-B3

<400> 6732
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 caagactgac tcgaaaacac catcccagcc tctggtatcc cgtcgctctg caaactatca 120
 accgtctctt tggcagcacg aatatctcct ctgctcgggt aatacatatg tgaaagagga 180
 caacgtcgag agagttacgt tattgaagca ggaagtgagt aaaatgctca atgaaacgga 240
 aggtttactc gaacagctag agctcatcga cactttacaa aggcttggag tttcttacca 300
 ttttgaacaa gaaatcaaga agacactaac gaatgtgcat gttaaaaatg tgcgagcaca 360
 caaaaaccgg atagatcgaa accgatgggg agatttatac gacgancgcc cctttgagtt 420
 ccgactccta aaggcaacat ggtttcagta tcgcacaaga tgtttttgac cggnaatatt 480
 tggagttgat ttggat 496

<210> 6733
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-123-Q1-E2-B6

<400> 6733
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gggtcgatgt gttgaangaa aacgttggag catggcttag caccaaaatc atggacggat 120
tacttgatc taaccgttgg aggtacactc tccaatgcag gaatcagtgg tcaagctttt 180
caccatggtc ctcaaattan taacgtcctt gagctcgacg ttgtaactgg gaaaggagag 240
gtgatgagat gctcagaaga agagaacaca aggctattcc atggagtctt tgggtggatta 300
ggccaatttg ggatcatcac tcgagcacga atctctctcg aaccagctcc ccaaagggtt 360
gagatggata cgggtattgt attcgagctt caaagtgttt acggaggacc aagagtactt 420
aatctcaa at gcatgggcaa ttaaagtttg attacgtgna agggttttgt ganntgngga 480
cgaaaggacn cgtcaaca 498

<210> 6734
<211> 384
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-123-Q1-E1-E7
<400> 6734

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ttttgatggt cgctgggtcg tttcagagaa agctgaatac caagggtgtg ggaagcacga 180
gaagagtga gggcatgatg attatggact tctagttagt gagaaagcta agaagtacgg 240
aatagttaaa gagcttgatg ttgatgagcc tctaaacctt aacgaaggaa ctgttggtct 300
tcantacgaa gctcgtttcc aagaanggct tgagtgtggt ggtgcttact taaagtatct 360
tcgtctcaa gaagctggat nggt 384

<210> 6735
<211> 416
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-122-Q1-E1-A1
<400> 6735

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cagttctttt aatctcttag tcagcgtaat tgggtagaag aaaatatcca gttcgtgaat 120
 tgggtggaag acgattaaga gtttctaaac tatcttgctc tattcgggta tcgttaagag 180
 tttctgtgag taatgggttg aagctggata tcaaataatt tagtggttaa aagttcaact 240
 tgatagtaag atgtggattc agttatctgc ctgataaggt tattaagatt tgctagcaca 300
 ggaaatacta acactgtcat ggattcaatc aagttcatan tttctttgga tgtcatatat 360
 gaataatagg ttgcanattc ccaatccnag angttaaagt gtcaacctta aganta 416

<210> 6736
 <211> 416
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A10

<400> 6736
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 gtggcatgta cacagcgaat acaatggctt ctgctatcga agcaatggga atgtcccttc 120
 cttacagttc ttcaatacct gctgaagacc cattgaagtt ggacgagtgt cgcttagcag 180
 gaaaatatct tctagaattg ctaaagatgg acttaaaacc ccgtgacatt atcactccaa 240
 aatcacttcg taatgcaatg gtttccgtca tggcccttgg gggatcgaca aatgcagtat 300
 tgcactaat tgctattgca aggtctgttg gtttgaggtt gactcttgac gattttcaga 360
 aagttagcga tgcggttcca tttctagcag atcntaaacc cagtgggaag tatgtt 416

<210> 6737
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A11

<400> 6737
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 atcaagcagc tgctgcagca ttcttccttt tcgctttagc cgtcttctcc aacttggagc 120
 tctcagcttc ttacttgctc agtggcaaga tctcttgctt tgactgccac cgcgatttcg 180

ctcctatcaa tggtactggg aagtgcacgc ggttctaatt ctgccactat accatctatg 360
 tttcctgcgg ggaagcgctc ctctcttttc aacaagaant ttgtg 405

<210> 6740
 <211> 393
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-A9
 <400> 6740

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 cagattttcc tctctagtct ccgtcttcta ttaccagatc gagctttgtt cttcgagctt 120
 ctcatctctt tggtcaatct caaagggtttt tgangtatca gcaaagatgg gtgacaatct 180
 tatggacaaa gttaccgcat ttggtgagcg cctgaagatc ggagggttcgg aagtgagcaa 240
 caagatcagt gctgggtgtga agctcaaagt agctttaaag tgaanggaac nttttcaagg 300
 tccaaacca actgataaaa tagtccgaag atgctactac tgagaatcta gaaggaacct 360
 gactgggata ttgaatttgg gnaatttgtg ata 393

<210> 6741
 <211> 394
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B2
 <400> 6741

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 aacctacctt caggattcag cttttctcag gttttcagtt ggattcagat agcagcttgt 120
 acttcttcta gataatcggc gacacatatg gatgattggg aggccgngga ctttcaacca 180
 cttccctcaa aagttgaact gaaaagtaac tgggatgatg aggatgtgga tgagaatgan 240
 atcaacgact cntgggagga ggaagatgta tctgctccgc cacctatagt aaagcctgct 300
 tctgagaagg ctccaaagaa accangcagt agaaagctgt tgaaaagaag gttaaanctg 360
 ttgaagctcc naanaggaac atccagggga agaa 394

<210> 6742
 <211> 476
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B3

 <400> 6742

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 taatggcggc catagctcgt cttccactaa ctctctctct tccctccatc ttcaatcctt 180
 catccttctt ctctcagtct ctctcttttc ctacttatct ccatcgctct ccctttcgct 240
 ccttctcttc cgtctctcca atcctctgca cctcccatcg cgattcgaga tcgccgggga 300
 gtgattctaa tgcgtcgatt gttggggatn ttctggatta tcttaatgaa tcctggacac 360
 agtttcaacg ccaactgctga ggcgaaagna gacaagcttt tggctgctgg gtttgatccc 420
 ccagtgaaaa acgaaagact gggaatcctg aaacctgggt ggggcgttac ntcctt 476

<210> 6743
 <211> 453
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B4

 <400> 6743

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 gttcacagat ttgacccgag tctttaatcc aatctgctgg ttcgttttcc acattcaaac 180
 tcgactcttg aatatcaaata cagaagtctt tgctatggct gctaccgctg ctgcttctgt 240
 tgtccgttac gcacctgagg atcatactct tccaagccc tggaaaggcc ttatcgatga 300
 tagaactggg tacttgtact tttggaatcc tgagaccaat gttactcang tacgagaaac 360
 caacccctc tctacctctt aagttttctc ccgccgttct tggtanctct tccgttcang 420
 ttcaanaaac tgaagcctaa gntcctccca agg 453

<210> 6744
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-B5

 <400> 6744

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 gggagagaaa gaatgggtact tcttttagcct ccgtgaccgg aagtatccga cgggactgag 120
 aactaacaga gcaactgagg ctggttactg gaaagctacc ggaaaagaca gagagatctt 180
 tagttcaaag acttgtgcac ttgttgggat gaagaagact cttgtctttt acaaaggaag 240
 agctccgaaa ggagagaaga gtaattgggt tatgcatgaa tatcgtcttg aaggcaaatt 300
 ctcttaccat ttcattctca gaagctccaa ggatgaatgg gtgatctcta gggttttcca 360
 agaaaaccac tttagctagc accgggagcc gtctccgaan gaaga 405

<210> 6745
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-C10

 <400> 6745

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 tctcagacta agtttcacca ttgcggcgctc tggatttcta cgccgccgtg ctcatcttn 180
 tccacggtag tctcaatggg gggcttgaat cggantgatt cgaaaaagct ccgttcagat 240
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 tcattagctg tgaaaatgtc gtgggacggg cctcttgctt ccgtcaagtt gatcatccaa 360
 ggaaaaaacc tcgagttatc agagncannt aancagcatg ttgaagagaa cctngggcaa 420
 atctgttnag aaagacagggt nagtntgtga gagaacgtn gaagt 465

<210> 6746

<211> 415
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-C12

 <400> 6746

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 ggtccaattg agcttctctac gtcgtccacg tctccgtttt cgtctactaa ctccattttc 180
 gccacttccg atgatactac tcctctccaa ttggccacca gtgtgcttct taccggtgcc 240
 atcactgtct tcctcatccg ctccgttcga cggcgcgcta aacgcgccaa agagctgaca 300
 tttagatcta ctggagctaa gaaatcggtg aaagaagaag caatggataa tctaaaagcg 360
 ttaagttcaa ctccgataga aggtggtaat tcaactccat cggcggntca agcgt 415

<210> 6747
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-122-Q1-E1-C3

 <400> 6747

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 taaatttgtc cgccaagctt taccatcgat cgaaatgtct ctgcacactt tcccttctcc 180
 tgggtggctac aacactcctg aacagggttca tctgactcaa ggagaccatg atggacgtgg 240
 catgattgtc tcgtgggtca caccgttgaa tctcgtggt tctaacgttg ttacctactg 300
 gatcgctact aatggtagtg acgtaaagcc agcgaaaaan agagctcatg cctccactaa 360
 atcttacaga ttctatgact atagttcaag atttctccat cagccacaa ttaaaggagc 420
 c 421

<210> 6748
 <211> 422
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-122-Q1-E1-C7

<400> 6748

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accacggaag tccagtetca tcatecttcc cgagtcctac tcgctatgac ggaaaccctt 120
cttcatacct tcttcttccg ttctacaca acatcgcttc ttcgattcct gctaaccctc 180
cacctcttag aatatccaac agtgcgctg tgactctctc gttgtcatct cctacttctc 240
gtggttcgaa gcggaaactt acttcagaag caattaccaa atggcgggtc ttacacggt 300
ttgagacatc cgcttttctc tanctctgct ccatctagtc nnaencgtcg tgctggtcac 360
caaacgccga ggtacaatnc cnggantggt gatgaagtc nagggaggat tngattggaa 420
gg 422
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<210> 6749

<211> 414

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-121-Q1-E1-H9

<400> 6749

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agagtgggtcc aaagacttgg cctttgggtg gagcagcgat cgaacagtta actaattttg 120
atcgaatgca tgattggctc gttgagtatc ttataactc aagaacagta gtggttccaa 180
tgccattcac tacttataca tacatagctg atcccatcaa cgttgaatat gtcctgaaaa 240
caaacttctc canttaccctc aaggagaga cttatcattc ttatatggaa gtattgttgg 300
gagatgggat tttcaattct gatgganagc tttggaggaa acagagaaaa accgcgagtt 360
tcgaatttgc ttccaagaat cttagagatt ttaagtactg tantgtttaa aaga 414
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<210> 6750

<211> 438

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-121-Q1-E1-F8

<400> 6750

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aaccagttt tttccgacgg cgtacaagct tctccgcgg taacgcgctc gtttaatacc  120
aagaagcttg attaggtttc cgtagtgtgt gattttttta aggttctgaa cactgatgtc  180
aaaccattg aaagagtcaa gagaggatat tgcaaattct actcctcaca tgagggataa  240
tgagtatgtt cggctagttg tggctcatga agcctcccca gctgaaaccg tgttgtctct  300
atcgcaatca gaggtgcaga gtaagaaatt tatgtggtgg ttaaaagctt tggggaatat  360
gtgcagttgc tctcttgctt acgcntgttt tcggaaaatg ggggagttcc gtttgtgttt  420
caaaaggttc ttattcca                                     438
  
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<210> 6751
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-121-Q1-E1-F9

<400> 6751

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atgcatagaa gaaggtcgag ccagtggcat catgtgtgct tataaccgag tcaacggcat   60
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cggatacatt acttcagatt gtgacgcagt ctcaatcatc tacgatgtc aaggctacgc  180
taaaagccct gaagacgctg ttgctgatgt cctcaaagct ggcattggacg taaactgtgg  240
atcatactta caaaaacaca ccaaatcagc tcttcaacag aagaaagtgt ctgaaacaga  300
cattgacaga gctctactca atcttttctc tgtaggatt cgtctcggtc tctttaacgg  360
cgatccaacc aaattacctt acggaaacat taagtccata cgaagtttgt tca          413
  
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<210> 6752
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-121-Q1-E1-G10

<400> 6752

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tatggatttg ttcaaagtgt taatgatgat aatgggtgttg gttgtctctt gtgggtgaagc 120
tgtttctgga gctaagttcg atgagcttta tgggtcaagc tgggctatgg atcattgtgt 180
caacgaaggc gaagtcacaa aactcaagct tgacaattac tctggagctg ggtttgaatc 240
aagaagcaaa tacttgtttg gtaaagtctc tatccagatt aagcttggtg aggggtgattc 300
agcaggaaca gtcactgctt tctacatgtc ttcagatggg ccgaaccaca acgaattcga 360
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<210> 6753
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<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6753

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agtcattgaa gctagaggat gaaaccggta acaaagtcaa gcatgtncat aaaggagtga 240
cttgacagagc caaaccatgg gagattcttg ctattgttgg cccaagtggg gcagggaagt 300
cgtctttgct tgaaattcta gctgctagac tcatccctca aaccgggtcg gtttatgtca 360
acaagagacc ggtggatana gccaatctca agaaaa 396

<210> 6754
<211> 505
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6754

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acttcgcgcc ttgggttcga tcatgatctt aattgttattc gggatcatcg gattcacata 180
ctacgccggt gtcgctgcta attacggacc tgctctactg atcgggtggtg tcgattcatt 240
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tttctctggt gttgtgacgg accctggtgg tgttccaacg ggttggagggc cagaattaga 360
catagagaaa accaagggaa accaagcttt gattgggaga aaccttcggt tggagaatcc 420
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ctcgttccca acaaattggt caagt 505

<210> 6755
<211> 448
<212> DNA
<213> Arabidopsis thaliana
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<400> 6755

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tctctttaat tccggtttca atctctattc ctttcatact ctttcacgga attggagata 180
aatgttctgg tggagttagt aacttcacgc aactcctaac caacctctct ggctctctctg 240
gctattgctt agaaatagga aatggagaaa aggactcatg gttcatgccca ctaanaaaag 300
canacaagtg tagcgtgtga gaaaagtga agcgatgaaa agtggttaaag tcaaggggta 360
caacattggt gcaanagtcc ccaaggnaac ttaagtttgc taagaggact aatcnaattc 420
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<210> 6756
<211> 455
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-121-Q1-E1-G5
<400> 6756

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tcacggtcgg agttagctgt agccacacaa acacgcgggt cactgtaana actgacaaga 240
aggggtgactt catatcgga cttccctcaa agatcgaatc aaactgtgaa gcagaactcc 300
aaggcagcgt caagcaactt tatgcttcca agaataacgt taagtcgaag attgttaagc 360
ttggcgggtga caaatatggc ctctcttcca aagttgttct tcntgaaatc atgtccaaga 420
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gggggc 486

<210> 6759
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-121-Q1-E1-H10

<400> 6759

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gttcaatgtc cctcatgat cgggcattag cagaaatgca agcccttaaa gcttcattgg 180
ttcggcgaaa tctaccggct ttgggtatctc ctctcctac cctcctcag gccgtacccg 240
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cggatgcaat attaaaagct atggaagaag catttgatgg tccaaatcat ggagttttga 360
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<210> 6760
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6760

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 tttggggtag aaatgaagta tgcgccaagt ccaagttctg gtacttcatg aggaaactga 240
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 caacgaccat caagaactac ggggatctgg ttgcgttatc anagccgaac tgggtancac 360
 aacatgtaca aaggagtacc gtgacacaac actcaatggt gggantggag caaatgtnc 420
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<210> 6761
 <211> 460
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6761

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 ggcgcttaga gaagttgaat ggtcgacgcc tctcgttcg tttggcgagt tcttctctag 180
 attcgcgttc cctcgtctct tctctaaatg gaagagccgt ctcaaataca atctctacta 240
 ctataggacg aattacttta tcttggtgat tttcgttctg gggctctgcg cttgttacna 300
 gacctctg gctccttggt ggggtgctgct ccaaaaagct ttaaagtaaa gcnttcctt 360
 aaacgacagt ttttgaagc taagntttta tgaggaaagt ttaatnagaa accgattang 420
 ggaattcctc ccccaacann atggctgcaa aaaaatgagn 460

<210> 6762
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6762

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 gacggagcctt tgctgtttca gtggacagaa natttaccca ggaagaggaa ttangtttat 180
 ccgatctgat tctcaggttt tcttgtttct taactcaaaa tgtaagaggt acttcataa 240
 caagttgaag ccatccaagc ttgcatggac tgccatgtac agaaangcaa cacangaagg 300
 atgcagcaca agaggctgtg aanagaanga gacgttccac caagaagcca tactcaangt 360
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<210> 6765
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6765

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 ccttttaagt aaagaatttg ggggttacac aacttcgtct agatggagca agagaaaagc 180
 ttggatccac aactatggca tgcttggtgca ggatcaatgg ttcaaattccc ttactgaat 240
 tcaacggttt tttacttcgc tcaaggccac acagagcacg ctacgcgcc tcctgatttt 300
 cacgcgccgc gcgttcacc tcttatectc tgctgtgtcg tctccgtgaa gttcctcgcc 360
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<210> 6766
 <211> 389
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6766

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 ttgctctata gagctcactc tcgtccgcct gtgaagctct gtgctccacc tcgttctctc 180
 ctccctagcc gacgccatth cagtgtcctt cgagctgttg ttctgtatcc aggaatacgt 240
 ttcggtctta cctcgccgga agtcttgctt aatcgatccg tcgttgcttt cgctgcatcc 300
 cacgaggatt cgggagaatc aggtgttgag gtggggaagg agaagaatga tatagatgtt 360
 tgaagatgat acatctaaag gaagcnatg 389

<210> 6767
 <211> 478
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 cgtggctggg ccatcagctc ctctcccgcg gctactccgt ccacgccacc gtgaaaaacc 180
 tccaggatga gaaagagacg aaacatctag aaggtctcga aggtgcagcc acacgcctcc 240
 atctattcga gatggatctc ctacaatacg acaccgtttc cgccgccatc aatgggttgc 300
 ccggcggtatt ccacctcgca tcaccttgta tcgtcgatga aagttcanga ttcccangaa 360
 gcaactactt gaccccgcg gttaaangaa ccatnaatgt tctgaacggg cgggcaaaaa 420
 gaaagccaag ttgttaagga gagttgtttg gtgacgtctt cgatatccgg cgattnac 478

<210> 6768
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-121-Q1-E1-D7
 <400> 6768

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ctaagtctg ctgacgccga tacaacaaag aaaattgtat ccaaattaaa acgccgactg 180
catatggaga gtcaggaacg ccaattgaca gacaaggaac ggctgggtttt gaagctagag 240
aagcaatata caaatgatata tggagtata tctgcattct tcttcaacta tgtgaagctc 300
aatcctggcg aagccttgta tcttggtgca aacgagcccc acgcatactt attcgggtgag 360
tgccttgang tcatggcgac ttcagacaat gtactacgaa gctggggtca attncaaagc 420
ctcctggata ttcaaacacn ttggttcaat gctcccccta aaaactggggg atatcccga 480
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<210> 6771
<211> 490
<212> DNA
<213> Arabidopsis thaliana
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<400> 6771

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agctgcagac tacatcctcg caatctgcga cattcttctc gccggagaga ctcgtttagg 180
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tctccattc gccgatcgag ctcttaaaat cgtctccgat gcttggttcg ttctctctga 360
ttcgttcaag aaatcattct acgancgaga aattgcaaac ttaagtcaac tcggtcaatc 420
tgggattcca tcctcaaacc caatcgcac aaaatttcca agtgggaacc taacagtagc 480
accgccgtat 490

<210> 6772
<211> 474
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
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<400> 6772

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 ttgcaaatta tggaacgctt taaccaaaga tcgggttctg ggtaaagcag cggcgcaagt 180
 tttgggggtt atgacgatgg attcaaaggt ctgttcagtt agattccatc tccgtcgcag 240
 caaggaggaa gaagaagaca cgatggatct atctataaag caggtagatt tgcttaatca 300
 agtcgagata tctagagtgt atcactgcga cggcttggtt ttancgtggc taanggacaa 360
 ctcgaanggg tccntgggtt gggaanccct taatttgggg gcaanacaaa gatgggattc 420
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<210> 6773
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-121-Q1-E1-E9
 <400> 6773

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 ctttacggtg ctacgcacac tctctacaat gtcgatggag gtcacgcagc cattgtcttt 180
 aaccggcttg ttggtatcaa agacaaggtc taccctgagg gtactcacct tatgattcca 240
 tggttcgaaa ggccaatcat ctatgacgtt cgtgcaaagc cttatctagt tgagagcaca 300
 tctgggagcc gtgatctcca gatggttaag attgggcttc gggttctcac ccgtcctatg 360
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<210> 6774
 <211> 507
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> . 6774

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atgcctcggc ctcgattttc cgaccttgta cttcaaagcc aagattcctc accggttctt 180
 ccggtatgtt gaaccgcgac ttgtcgttta catcgatcgg ttcacgcggc aaaacgtcgt 240
 cgttcaangt tgaagctaag aaaggagaat ggttgcccgg tttggcatcg cctgattatc 300
 tcaccggcag tcttgccggt gacaatgggt ttgaccggtt gggtnagca gangattcaa 360
 gagaacttga aatggtttct ccaagcaaga nctgtcaaac ggaccaatng ggctaagccc 420
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<210> 6775
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-121-Q1-E1-F11

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 attagagttg ggaaaataga tgatgttcaa gaactcataa aatccaaacc aaacaaagtt 180
 ccagagagat tcattagaga agagtatgag agaggagtcg ttgtgtcgtc tcttaagact 240
 catcatcttc atcatcagat tctgtttatt gatctctcta agctctctaa acccgacaat 300
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<210> 6776
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-121-Q1-E1-F12

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 cttccgaagt tttatgttct cttaccttga gcatatattg gaatcacaag atcgtgctga 240
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 tacagatttt acatttgagg acttctttgc gttgttcctt gagcaactag atgacattct 360
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<210> 6777
 <211> 493
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6777

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 ctcttcccca aagctttccc taacgactac aaaaccatcc aagttctagc cggcgatggc 240
 aacgctcctg gctccattcg cctcattact tatggagaag gatctccact ggtgaagata 300
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<210> 6778
 <211> 488
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-121-Q1-E1-C2
 <400> 6778

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<210> 6779
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-C3

<400> 6779

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caaaagcacc tgcagattcg catcttccat cttcatcttc accttcaccg ggctcatcga 300
atgtgtcacc ctctttgaac tctgcaggga gcgaggccat ttctactcca aacgtggtag 360
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<210> 6780
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<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<210> 6781
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
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<210> 6782
 <211> 392
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 aggaaagctt tagtctttta ccagtttgat ccaattctgg gtttctactga aaaaaaagtt 180
 gggagtttga ttctttctaac tgtagaagaa acagagtcaa cagaagaaaa ctaaaaaagt 240
 tgagattttt ctctcacgcg ctcaagaact tgagtatgtc ttcttctgta gcagtgttat 300
 gggttgctac ttctttctcta aatccaagac ccaatgaaca attgtggggtt ggtaagggtt 360
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<210> 6783
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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<400> 6783
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 catcaaagct cacggtgaag gttgttggcg ttctcttctt aagatccgcc ggtcttcaac 120
 gttgcggaaa aagctgtcgt ctccgatgga ttaactatct ccgacctgat ctcaagaggg 180
 gtaacttcac cctcgaagaa gatgatctca tcatcaaact acatagcctt ctcggtaaca 240
 agtgggtctct tattgcgacg agattaccag gaagaacaga taacgagatt aagaattact 300
 ggaacacaca tgtaagagg aagctattaa caaanggat tgatncggcg actcatcgac 360
 ctatcaacga gaccaanact tctcaaggat tccgtctgan tctngttaan acagagggan 420
 cctccttgtc aagaatt 437

<210> 6784
 <211> 483
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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gaaagtgctg acttgcaagt actttgagca tgaaatagca tcaaagcttg ttctagaagc 60
tcttttcttc aaagcacgaa gccccacaca gacaacgtag cctagcctcc gaagaatctg 120
catccctgaa ccgccgctg atagagaggg cttacaaata cagaccgctc aaagtggncg 180
agtttgagct tcttagaccg cagtgtgtag tctacctana cttgaaaaga gaagaatgtg 240
ggggactgtt cccgtcgggt agagtgtatt cgcaggcctt tcacttggga ggtcaagggg 300
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<210> 6787
<211> 394
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-D8

<400> 6787
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ttagttggnt cgaggatcaa agtctgggtg cctatggctg caaggctgaa acttanagga 180
attgacggaa gggcaccacc atgagtggag cctgcggtt aatttgactc aacacgggga 240
aacttaccan gtccagacat agtaaggatt gacagactga gagctctttc ntgattctat 300
gggtgggtggn gcatggccgt tcttaattgg tggaacgatt tgtcaggtta attcccgttt 360
aannaacgnt ncctcangcc tgggcaactt cccg 394

<210> 6788
<211> 432
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-E8

<400> 6788
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gtttcatcag ccgtggacat gtcaatcatc tcctacgacg tagaaacatg gcgtctccan 180

caccggtggc cgtagcgaag ccgaggttat gaggtatcta cnagggcatgg ttggtgaaac 240
acgggcaagg ctacagcca ganctctctt gttgataaag atcgacngtt cgagatcttt 300
aaagacaatc ttcgtttcgt cgatgancat aacgagaaga atcttactta taaattgngt 360
ttgactcntt ttgcnggtn tagnaaccna nnggtnttga tttaaaattn ccttggggct 420
taaggatggg aa 432

<210> 6789
<211> 428
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-F10
<400> 6789

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aacagtgtat tgacagaaat ctttttggaa gtaagtgaat ggagccacct tcctactgat 180
ctttccaata gatatctgga atttattgag aatacactac taggcaagat caccaggagc 240
attaggcttc gtaaagatat tcacgaaaag actttacttg cactcttgcc ctttcttcca 300
aaacttattc tgagggtaga ccgtgattgg agagataatc ttctggaggc atttactatt 360
accttcagcg attgcaaacc aaagtctaaa ctccaaatta ncccgaatt tcaactgtta 420
gaagacat 428

<210> 6790
<211> 426
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-F4
<400> 6790

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tattttcatc tttctctttt ggagtttctt cttctactga ctctactggt aggtgtangg 120
atttgtgaga gaagaanaaa aagcanaatc tttgaatgga ctggaatttc aaacttagct 180

ctggttat ttt atctggatc gatcaagaac canatttat accaatggat gggtcgatct 240
 cgtttggtgg gtcgtnacag tcaaaancgg ntttttcatt tgatctaaaaa cttggnanga 300
 aacattggaa actentctc tgtttttggt gatacaanng caagtgatta ngcttaataa 360
 ntggnaagat agtgccttag ccnaanccag aaaggtcaag gaagctcgag ttcaaaggag 420
 aancaa 426

<210> 6791
 <211> 396
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-F8
 <400> 6791

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 ttccatgtgg agcttttagat ttgatccgta tcgtacatct caacggccac gtcgacgaga 180
 tcactagtcc aatgaccgcc ggcgagattc ttcaggcgaa tcctaaccat gtcttaagca 240
 aaccttggtc tcaaggagtt gtgcgtaaga tcttgatctt gtctcctgaa tctgagctta 300
 agcgtggaag catctat ttt cttatccccg atacttctat gccggagaag aagaaaacan 360
 agaagagaaa agagctccga tgnccgaaaa aacccc 396

<210> 6792
 <211> 422
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-F9
 <400> 6792

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 nnnnnnnnnn nnnnnnnnnn nnnnnnnnttt tcgattcgat tgatgtgaaa cgctcctact 180
 tgattcccgt cgtctgagat cggagttatc atcgangatt gataatgggt cccgaatcat 240

catcgaggat aatgagtttt tctggcgatg atttcgaatt cgatattgat ttcnaattcg 300
atgcaccgag gttctatgat ttctctagac ctgagcttta ttccgangac tgaanaaatc 360
gaaatctggg ttcaancctc tgggaactan ccccttcan cctttttagg cccaaangtt 420
ca 422

<210> 6793
<211> 422
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-G11
<400> 6793

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tggttacatc tccgacgaac tcaacaatca aatttctctg tagctatggc ggcaaaatcc 120
tacctcggtt tcccgacggt aaactccggt acaacggtgg tcacactcgc gtctctcgccg 180
ttctctgctc cgtctcattt tccgagttag cgtcgaagat ggcgggagatg tgcggcgggcg 240
tcggcggtac tataaccgta acgatccgat gtcagcttcc gacggaagat ctcgacgcgc 300
tcgtttcaan tacttccgat gaagatctag tgaatctaata cgaagagtac gatntccggt 360
tcctcttcat ctccgatgaa aatcaggagt ccttctaaaa tccaccaaaa tcngccgccc 420
gg 422

<210> 6794
<211> 481
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-C12
<400> 6794

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gatttttagga atgacgaana agatggagag tatctggcga atcgcgacgg gacaagatcc 120
gagccgtgaa gattancanc ggatcgagtt ctgggtcaaac cctgagcgtt ctggttggct 180
cacaagcaa ngcgattaca tcaaaacctg gcgtcgtcgt tggttcgttc tcaaacnagg 240

gaancttctc tggttcaaag atcaagccgc tgctggaatt cnttggatct acgccgcgtg 300
 gtgtgatctc cgttgggtgat tgtctcaccg tgaaaggagc tgaagatggt gtgaataagc 360
 cttttgcttt tgagctatcn agtggttagct ataccaatgt tcttcattgc tggataatnn 420
 agaaaggncn aanganaagn gcntnaantc naantgggaa natcgattgt gcaaacactc 480
 n 481

<210> 6795
 <211> 409
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-G5
 <400> 6795

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 nnnnnnnnnn nngacgattc gtggaagaga cttggagaga atatttctca atgtctctc 120
 tcccaatctt ccacgtctt cctcacgcca cgttctcttc ctttctctc tcaactgtctc 180
 aagctggaag ttctaaaaca tcagtggcat tctcaatgc cttcaaata gaagatatca 240
 ttgctcgaat tggactatgg tggcagctta taagggtgt ttagattgta cctgtcttca 300
 agttcctggt gcttctatgt ttggtcatgt ctgtcatggt cttcgttgag gttatgtaca 360
 tggggaatcg ttgttttgta tgtcaagctg ttcaaggaga aagccaaga 409

<210> 6796
 <211> 400
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-G9
 <400> 6796

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 cgatctcaca atttcgcgac gaactcgctt cagcgattgt ttctgttcat ccgattaaga 180
 tgaacggagg tcttccggt ttcaataatg ctccggtcac gaaagccttc gtcacgcga 240

ctgctctttt cactgtgttc ttcgggatcc ggggagggttc ttccaagctc ggcttatctt 300
 accaggatat ttttgaagaa gtttcggatt tggaagttaa ttatatcggc ttttgccttc 360
 tcgtccacaa ctcaattgct ttctggctta ganttgctat 400

<210> 6797
 <211> 367
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-H10
 <400> 6797

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 ggcttaagac tcatgggtccc ggtgaccgaa ccttgaccca aggattaaag ggagatccga 180
 cttacctagt tgtagagaac ganaagactc tagcgacata cggatatcaac gcagtgtgna 240
 ctcancttgg ntgtgttgtg ccatggaaca aatgctgaga acaagtttct atgtccttgc 300
 catggatccc aatacaacgc ncaaggaaga gtcnttagac gtccatcccc attgtccnct 360
 atcgttg 367

<210> 6798
 <211> 406
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-H7
 <400> 6798

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 aggctcatca tccgccgtgg caattttttg aggtgtacaa agcattgcct atttgacgaa 120
 ccaggaaatg gttaaaaggc atggagagtt ttgatttaca agatatatca tgtcgcagtg 180
 catagacggt ttcaagcatg tatgtccttc ttttttccgg tgttttgata tcnatattta 240
 caancaatct ggaggccttg gtgaccctga acttcttgcg acagagacag tttttaagcg 300
 tgagtgaat agaggctctc tatganctgt ttaangaana tcagcagtn tgtgattgat 360

406

<400> 6799

<400> 6800

3337

ggagctcang catttnanecg ggagaagata tacagtctct caacntgaaa aatctg 476

<210> 6801
 <211> 476
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-A3
 <400> 6801

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 cggaacaaca tcagccaata aagccctgaa ccctaatttt cttttggctt tggctggaga 120
 acgactgtan gtgtgttcaa caatgtcgtc gaggaacttc aatccatttc aaaactgggtt 180
 cgagaaaacca ccgaaccag tcccgctccat caacttcgtc tcgctcgctg antccttctt 240
 tcccaagtcg cagtctccga atttcncttc gattggactt ccaaaattct caaagaagtn 300
 cccaaaaccc gaaacagcag gaaccgacga accaggaccg tacaagcaaa tagcnagatc 360
 agttcntatg ggagtgtgag aacataccgg attacaggca cactccagaa gtggggtnaa 420
 gcntctcaac gaaagattca ngntttccna gaancgaagg ggaatcccgg gcncgg 476

<210> 6802
 <211> 455
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-A5
 <400> 6802

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 tgggaggtga attttttttt cttcnaaaag ctcgagaaga gtgaaaaccc cagaaatgac 180
 cttgcgattc gtatggctcc ggntgttttc gctaccttaa acgaaccgtc gtaccaggaa 240
 caatgcggcg ccgtttttat gaggaatttt acaaccaat ccgtcaccga aaacaccaat 300
 aaccttcgcg ttttcaaccc taaccnaac cctaatttcg aaaggagcaa ttcgagcaag 360
 cagtgcgatg actcgtcgga atttggang cnatgcgach tttaatctcg ctgggnacac 420

cgcaagncag gngcacggga nctaagaaac ggcct

455

<210> 6803
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: .LIB24-119-Q1-E1-A7

<400> 6803

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gccatttaac tcgcgaagat caaagttcta gaagggttctc tgctcttctg atccgaagct 180
tccgagaaga ccacaagtct tgtacaacaa acgtcaccat ctctagtact gcctcttctc 240
cgggttactc cctcaaagat gagatcgatc catcaaatta ttccttcagt agtgactca 300
aggcattgca agcaaaatca gtgtacaaga agaattggga ttgggtgaaa ccagaaggag 360
ttgagctaaa ctcgaaatgg aacgaagcag ngaagtatat atgcagtcct ttatctgggn 420
gaagttccct tg 432

<210> 6804
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-119-Q1-E1-A8

<400> 6804

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aggtcactgg aggtgctcct aataagctct ctaagatcaa ggtggtgagg aagtcgattg 180
ctcaggtggt gacagtgatc tcacagaaac aaaagtctgc tttgagagag gcatacaaga 240
acaagaagct tttgcctctt gatcttcgtc ccaagaagac tagagccatc aggaggagac 300
tcactaagca tcaggcatcg ttgaagacag agagggagaa naagaaagaa atgtactttc 360
caataangna gtatgccant aaagggggaa gccnttttaa cccggg 406

66443901439360

<210> 6805
 <211> 372
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-B3

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 ggattgatta cctcaagtat ganaactgct aaaatacagg gacaagtcca agagaaagat 180
 accctaagat gagtaaagcg ctgttaaatt caggaagatc catantcttc tctctgtgcg 240
 aatggggaca anaggatcca gcaacttggg caggagatat tggcaacagt tggagaacaa 300
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 gggnatctta tg 372

<210> 6806
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-B5

 <400> 6806

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 gtcaaaagtt tcgtcgcggg tgttttacgg aggagaaaagc taagcanttg aggaggaaaa 180
 ccgcagaagc ttccacgttc catgacgtaa tgtatcactc cgccattgct tctcgacttg 240
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 atcaattaat gaataattaa tctttttttt cttaattcan tgttcttgta ggatgcagac 360
 catcttctat cgggtgctcct ttttcaattg aaccgttggc ttgtgtttgg tcnttgtgtg 420
 ttgtaaactc cagnttcctt tcc 443

<210> 6807

<211> 417
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-C1

<400> 6807

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 atgacctcga tgacgatata aaatccgcca aggaaaagtg tgaaaatcta gaggatgcag 180
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 aaaagccttg agaaactcga gcaagagaag ggnatcaatt ggtaacacan atggcaacgc 360
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<210> 6808
 <211> 435
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-119-Q1-E1-C11

<400> 6808

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 ccattgtccc tcaaaaggaa acatcagcag ggggagatgt ttatcccgtt gagccatttt 180
 ttgaccccaa ggtacatcgt attctcgacg ctactgggg acttctcact gacgaagata 240
 cgagtggact acggtcgcat actctatcat tgcttgtaaa tgatattcca nggagttctt 300
 aatattgtga nctgggtgttt tcgctcnaaa gggatacant atccagagct tggccgtntt 360
 gacatgcctg aaaccaaggg catttcacgc attacaacag ttatacctgg caacagattg 420
 aatcggtcag caaaa 435

<210> 6809
 <211> 411
 <212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-118-Q1-E1-G3

<400> 6809

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ggtgtagatc tttctctcct tgaagcactt gagaagtctt cgcataatgg agtagaagcg  180
cttgatctta aaaccctaaa aaagcttgtc ctctccttcg agcggcgtct tagagacaac  240
atagctgctc gtctcaagta tgtggagaat ccagaaaagt tcgctgactc agaggttgac  300
ctacacgacg atcttcagaa gctcaaggtg ctcgctggag ctccggaact ttaccgggac  360
cttgttgctt ccaatacggg tccttcgatt gtcaatctcc tctctcatga a           411

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<210> 6810

<211> 463

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-118-Q1-E1-D7

<400> 6810

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ttcaatacag atttctggga ttttttttac cgatcaaatt taggttttcg ttttactca  180
gaaccttaga aaccctaatt ttgatacatt agctttagag aaccttccat cggatccgtg  240
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ctccaaagca acanccaaag gctgatttgg cgaagaagca gaaacaagtg gaagacaaaa  360
ctttcggatt gaaaaacaag aacaagagca agaattgtca gaagtatgtt cagagtctca  420
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<210> 6811

<211> 413

<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-118-Q1-E1-E2

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caaagactat gctttgaaga tcaccaaga aacaaatgaa tcattgggcta aacttgtgaa 180
gagatcagtt gatgctggag acctttcact ttactgaaca tattttgcaa tgtcgactta 240
tgagggtcgaa taatgaatag actcaagatt cctatatcat tcttggtgtt tcctttcaat 300
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aaatgacttt ctgcttttga aaaaaaaaaa a 391

<210> 6814
<211> 413
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-E8
<400> 6814

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aacacaatca ttctatagat gatttcgaga gcattttcga catcaccatt gacaatttaa 180
gctgctctaa cgaactcacg tgggatttct ggnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnaa aagatcgagt actgatcaag aaggctcaag ttttgggttt tgggagaata 300
agccgacgga ttatgaagac aaagacttgg gtctgaagct gaatctgaac catcaagaag 360
ttatccgatg cttggtctga tcaccangaa acctctgtgg gacagatact tca 413

<210> 6815
<211> 462
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-E9
<400> 6815

ngtttacgcc gccaggaacc ggtcnaagaa tccccgggga aaaaggtaac tgctttttca 60
tctcttaatt ataactcctt tctctcttc tctctcttc tccatgggtg gggtctctt 120

ttagtagatc tctgcaccac ccaaagccca aagctcaaag ctttgcacag aagatacaga 180
gagaaagaac cacatacaaa aaaaaagagt ctacttttct ttttgtttct acttgctatt 240
tattactttt cacaccacac cctctggtea aatgtcttct tctctactct tctttccttt 300
ggtctgagac aacagtagca agagtccgtg aaagaagaaa acaaaatggt aagaattttg 360
aagaagatga gggaaaagga agcaacttta tctgtttatt tgacttgagt ctcttcgac 420
tacatctgga ttttgcaagc aattcctcct gaaggaaaaa tg 462

<210> 6816
<211> 389
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-F11

<400> 6816
ccaacgaaac cagaggacag tgaacaaaga attgtataat tcgatctcaa ctcgttcctt 60
tgttgattct ttactccgac tattatgagg attgtacgtg cgacggagac gttctcggcg 120
gagcttaaag agttcatgtg cgccgctgtg caaaggagga aagacgacga cggattcaga 180
ggctctcgtg gcggtggtaa atctagaaat gccatggac ttgattctga cgccggaaac 240
agattgggtt gtgttactgg tgggtgttct taccttggtc gtgccattgt taaacgtctt 300
cntgttcatg gatactccgt tagaatcgtc gttgattgtc cagaggacaa angagaaagt 360
ggagtgagat ggaagctgac gccntaaaa 389

<210> 6817
<211> 417
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-118-Q1-E1-F2

<400> 6817
gaacgaatca gagattttta ccgatatccg tcgtctcttc ctctccgtc gtcgtgcttc 60
gcttctcttg cgtgtcatct ttttcgacaa acccaaaatc aaggcagaat ctgataatcg 120
aaaggacca gtagaaaact tcgagaggaa tcaagggtta gaagccctaa cttgatcgct 180

aattcgagaa tgaagcattt ggattgaggg caaaaatcga cgttttttaa aagtctgaac 240
 tgagggtggat tcgttgagat catctgatca aatgctcttc gtggaagtaa acatttgagg 300
 caaaccaggt cggtacaag gtaaggggggt atgtcnaagc aaaacccgga atatgcttga 360
 aggtttgggt taanagatac ttctttttaa atggttgctc gggaaacaaa gttcttt 417

<210> 6818
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-F4
 <400> 6818

gcgtctaggg ttggttgggt gggaagaagg ttccgatcat ggcgtcggtg tcgtcgtcgg 60
 atcaaggacc taagacagaa gcaggatgta ncggcggagg aggaggagag agctcggaga 120
 cagtggcggc gagtgatcag atgttgttgt atagaggttt taagaaggcg aagaaggaga 180
 gaggttgtac agctaaggag cgtattaagt aaaatgcctc cgtgcactgc tgggaaaagg 240
 agttccatat accggggagt caccagacat agatggacag gtcgttatga agctcacctt 300
 tgggataaga gtacctggaa ccaaaaccaa gaacaagaag ggaaaacaag tttatctagg 360
 agcatatgat gatgaagang ctgctgctag agcttaacgac cttgctgcct taaaata 417

<210> 6819
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-F7
 <400> 6819

acgcgtgggt ttgananga gcgactctgt tccttcgccg ccgatacgca ctcttcttca 60
 tcggatttgt tcctctgggt ggattgtagc tctccatgtg ttgtacnaat gcctcttatg 120
 acaatgtttt ggagcttata ctcaaattct gtgaaaactt tgnccgtggg aattgtgang 180
 atcctgtang atgaagatat ccttgaattg catatanggc tttgttgant gangttctca 240
 tctcttgcca cctaanggtt ttgattcngc cactgtanct gctanggggt cgcttctgga 300

agaaatatgg gtgagactct catcatcatg ctgtctatgg agaactagca cccgtcaaca 360
 cnggtatcca tggattcagg tgcttttact catcaaggaa tnaag 405

<210> 6820
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-118-Q1-E1-F8
 <400> 6820

acgcgtccgg ctttatgcct gcttgtgtga caatctttga caagaattgt aaaccattga 60
 tggaaacttg cgaaggctct tataacactc ttcgatggaa cccaaaaggg agagttttat 120
 gtgtggctgg attcggtaac ttgcctggtg atatggcctt ctgggatgtt gtaaataaga 180
 agcagctagg aagtaataaa gccgagtggg ctgtgacaag tgaatgggtc ccagacgggc 240
 gttattttct gactgcctca acagcaccaa gacgtcaaat tgacaatggg atgaaaatct 300
 tcaactacga cggaaagcgt tattataaga agatgtttga gaggctgtat caggctgaat 360
 ggaaaccaga gtctccaaga gaggttcggg gacatcagtg aacttatcaa 410

<210> 6821
 <211> 398
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-F9
 <400> 6821

tttctctgtc tgtctttctc tctcagagaa atggctcttc nnnnnnnnnn nnnnnnnnnn 60
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnaac acccatcacc atcgtcacca cttggccaag 180
 cacaactaca aagatgctct cactaaatca atcctcttct ttgaaggcca aaggtcaggg 240
 aaacttctt ctaancagag aatgngttg agaagagact ctggtctctc tgatggctct 300
 gctcttcatg tggatttggt tggnggggtac natgatgcag gagacaatat caaatttggg 360
 ttcncaatgg nattcanaag cacaagtggt tttaangg 398

<210> 6822
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-G1

 <400> 6822

 tgtttacgcc tgccagtagc ggtccaaaat tcangggcgt ccacttcact ctcnctaaac 60
 tctctctcag atctctctct ctctgtgatt caacaatggc gggtttcttct tcttcgtttc 120
 tatcgacagc ttcactaacc aattccaaat ccaacatttc attcgcttcc tcagtatccc 180
 catccctccg cagcgtcgtt ttccgctcca cgactccggc gacttctcac cgtcgttcaa 240
 tgacggtccg atctaagatt cgtgaaattt tcatgccggc gttatcatca accatgacgg 300
 aaggcaaaat ccgtgtcatg gatcaaaaca gaaggcgaga aactcgccaa gggaagagag 360
 tgttgtgggt gttgaatctg ataaaagncg atatggatgt agaaacgttt tacgatgggt 420
 ancttgctgc gattgtcgtc ggagaanggt gaaacagctc cggttggtg c 471

<210> 6823
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-G12

 <400> 6823

 ttttccgagn cctatgccgg caaaaaccgg tccngnctc ccgggtcgac cnacgcgtcc 60
 gccacgcgt ccgagaagaa caaaaaccaa aaaaaaaccc cagaaaatca gagaaacata 120
 ngcgaaccga cagagaaaaa aaatgtcttc gccaaagcaa cgagagaaa tggatatgat 180
 gaagctgatg atgagcgatt ataaagtgga aacgatcaac gatggcatgc aagaattcta 240
 tgttgaattc aatgggccca aagacagtct ctatcaagga ggtgtgtgga agataagagt 300
 tgagcttcca gatgcttata cttanaaatc tccatctgtt gggttcanta cgaaaattta 360
 tcactcta atgtgatgaac tgcgggggtt ctgtttgttt angatgttnt taaacaaaac 420
 ttgggagtc tangntcgac cttgtnaaat gntgtttgag aacatttt 468

<210> 6824
 <211> 466
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-118-Q1-E1-D3

 <400> 6824

 aaacttnccc gccggccagn cnaaaaattc aannggtcga cgcacgcgtc natcttcntc 60
 ttccttctcc tttctctggt tatttgcttc gtttctctt ctctttctcc gattctttat 120
 ccatcttcgc tcagatcttc cccgtttcaa ctctttggat ccagattctc ctctttttaa 180
 tgtaggtaac acgcatatca agtggttaaag agtcaagatc acaaaaagtt ctatcgggtg 240
 atctgggctg ctttcttttg taatcnaatt gcagaaactt tgctctgact tggatagctt 300
 cgtaaaaggt tcaatctttc tccgtttttc atcaatgagt agtaactaat ctggaaattt 360
 gttgggaaga gaaagggcac attgcactgc tattgctaga gaangtttct gcatccatgc 420
 tgggtagaga gcatgcgtgg anactgtggt ttgggggtgat gccctt 466

<210> 6825
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-H4

 <400> 6825

 gtaggccggc cgaaggtnca aaggtcnann nacgcgtcag gtcgacgagg atctcgattc 60
 gttagggtc ctgggctctt actctgtcgc gttaatcttc aacctcaacc caaatccca 120
 tctttttcct acagtcttcg ctctgattat cgtcttcata atggtttctc caattacatc 180
 agacgtaact caattcgnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnattegt ttgttcaac ggagttcaat gcttaatggt 300
 cgtctcttct cgacttctac tcccaatcca gaccaaacca ccaccaagac taaggaaatc 360
 aagacaacct cgtcggattc aagactcagc tatggctgac atgaagattc tccgtacgct 420
 tgctggctat ttgtgggatg agaagacaat ccagaaattc cgtttcaagg gtcacgctg 480
 ctttg 485

<210> 6826
 <211> 480
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-H7

 <400> 6826

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cgccgnccgg tacaggtcca naaattcccg ggtcgaccca cgcgcccgcg tcgtcacatg   60
gctcacattc cgatgctcag attaatacca cgtaaccgtt ccctatgacg ttgtctccgt  120
tcttcgtctc ttcaaccttc aattttgcaa accctaaacg ttctggtcgt tagtcgcgcg  180
tactcagatt tcaatgttga tcgtcgatta tgtgggtgat tgctacgtcg ttaccagat  240
gttcattga tattctaggc atggcacaac catgaagagc tttctggcgt gagatacaat  300
atcatctttg ttggatcaac atgtcttttc atttgataa gaccgagctg atgaagagtc  360
attgactcat tgttcctata gtgcatcaac taaatctttt tgtatgagga cacactcaaa  420
agcattctcc cttcgagtgg ccaaagggtg ctgtgctact ttcttctctt ctatggaggt  480
  
```

<210> 6827
 <211> 468
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-A2

 <400> 6827

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gtacgcctcc agaattccaa ggtcgaccca cncgtccggc tctctaacgc caatttcgat   60
ttcgccaaag ttatcgctgt ttcaggcagc gggcaacaac acggtagtgt gtattgggtca  120
aaaggtagtt ctgaggtatt gagatcattg gattcaaaga gatcattgaa agaacaactc  180
gaaaacgctt tttcgggttaa ggaatctcct atatggatgg atagtantac tacattgcaa  240
tgtaaagaga ttgagaatgc tgttggtgga gctatggagt tgtcgaagat cactggctct  300
cgtgcttatg agcggtttac tgggtccgag atacggaagc tttttatgac tcagggggag  360
gtgtatnana gcacggacag gatttcgctt gttagctctt ttatggcgtc cttgttggtt  420
ggacaataag cttgtaatga atnaactgat cctgcctggg aatgaatt                468
  
```


<210> 6830
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-A6

<400> 6830

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ttctgcattt tctgcttccc aatggcttcc agaattgctg attctctctt cgccttcacg   60
ggccacacagc aatgtcttcc tagggttcct aagcttgctg cttcttctgc tcgtgtttct  120
cctggtgtat atgctgtgaa gccgattgat cttctgttaa aaggacgaac tcatcgaagt  180
agaagatgtg tagctcctgt gaaaaggaga attggatgta tcaaagcggg ggctgctcca  240
gttgaccgc cttcagctga cagtgcagaa gacagggaac agttagcaga aanctatgga  300
ttcagacaaa ttggagaaga tcttctgag aatgtcacct taaaagatat catggataca  360
cttcccaaag aagtgttttg aagaattgag gattctgaaa agcctttgaa antccggt   418
```

<210> 6831
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-B1

<400> 6831

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acgcgtccgg aaaaatgtcg gcaagacctg aaggaagtcc gccggagggt acgctcgaga   60
cctccatggg tcctttcacc gtcgagatgt attacaaaca ctccccgaga acttgccgga  120
acttccttga gctatcccgg agaggttact atgacaacgt tctgtttcac agaatcgta  180
aggatttcat tgtgcaagggt ggggatccta caggaactgg aagaggtggt gaatccattt  240
atggttcgaa gtttgaggat gagataaaca aagagttgaa gcacacagga gccggaattt  300
tatcaatggc gaacgctggg cctaatacaa atgggagtc aattttcatc accttaacct  360
cacaaccgtc cttggatggg aaacacacaa tatttggtaa attttgccaa ggcattggagg  420
ngattaaa                                         428
```

<210> 6832
 <211> 409

<223> unsure at all n locations
 <223> Clone' ID: LIB24-117-Q1-E1-B3

<400> 6834

```
acgcgtgggc tctgatcgga cgtatcatca gttgataagc acttgcgatt ttagtcgtca 60
gaaggaatct gatgaatgcy aaacccttta ttcttacgct atggagcatg agtttggtaa 120
cattgatcag tacaacatct atgcgccgcc gtgtaacaag tcaagcgacg gtgggtggtag 180
ctacaatggt tcttccggcc gccggagtat gcggcttctt caccttcccc actccgtatt 240
gaggaaaatt tccggttatg atccatgtnc cgagagatat gcagagatct attataaccg 300
gcctgatgtt cagaaagctc ttcacgcca caccaccaan attccgtata aatggacagc 360
ttgcantgag gtgctaaacc ggnattggga acgaaccnag atncaagggg ttcccccnat 420
ataccggga 429
```

<210> 6835
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-117-Q1-E1-B6

<400> 6835

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acgcgtccnt caggacttac aatgctaggc tgcttggatt agccaatgag gcgaaatcna 60
aagagctagt aaatctcttt ggagaactta aggctagtgg gctcaaact gatgttttca 120
gtttcaatgc tatgattaga ggatctatca acgaaggaaa aatggacgaa gctgaagcgt 180
ggtacaaaga aattgtgaag catggttatc gtcctgataa agctaccttt gctttattgc 240
ttctgctat gtgtaaagca ggtgactttg agtctgcgat tgagctcttc aaggagacat 300
tcantaagcy gtatcttgtc ggtcaaaca cgttgcagca gttagttgat gaattggtga 360
aanggtctaa gagagaanaa gctgangaga ttgtgaagat tgcanagacc aaatgntttc 420
ttaaaagt 428
```

<210> 6836
 <211> 411
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-117-Q1-E1-B9

<400> 6836

atcaaacaac taaattaaaa aaaaatcttg agagattctt ggaacacaag aaaaacatga 60
aacctagaat gtgtttaatc ttgtttattg ctttaatgag agtaatgtcg attgtttctg 120
ctcagtcgag ttgcacaaat gttctaata gcatggcgcc gtgtctcagc ttcatcactc 180
aaaacacttc tctcccgctc caacaatgtt gtaaccagtt ggctcatgtt gtccggtatt 240
cttctgagtg tttgtgtcag gttctcgatg gtggagggtc tcagcttggg atcaatgtta 300
atgagacaca agctcttgct ttgcctaaag cttgtcatgt tgaaactcct cctgctagtc 360
gctgccaaan tnggtcctcn ggtaaattca aattcagaac atggaaatgg t 411

<210> 6837
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-117-Q1-E1-C1

<400> 6837

ccnnggccgt ccgattgagt aatttccttc tgcgcttgaa aagaaatgtc gaattctagg 60
atgaatggtg ttgagaagct aagcagcaaa tccacaaggc gtgtcgcaaa tgccggaaag 120
gcaacactgc ttgctcttgg caaagccttc ccaagccaag tcgttcctca ggagaatcta 180
gtggaaggat ttctacgaga caccaaagt gatgacgcgt ttatcaaaga aaagctggaa 240
cacttggtgca aaacgacaac cgtgaagacg cgatacactg tgttgacgcg agagatactg 300
gctaaatacc ctgagctaac aacagagggt tcaccaacaa tcaagcaaag acttgaaatt 360
gcaaacgaag cggttggtgga aatggcaatg ggaanchntt taaggtnгаа ccaaggaatg 420
gggaaggcca ntggaaaaca t 441

<210> 6838
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-117-Q1-E1-C2

<400> 6838

acgcgtccgg cgctcttgaa gctttccggt tagatcctga aaagtgggga gtgaatgttc 60
aacctttgtc tggatctcct gccaaacttcc atgtgtacac tgcattgtta aagcctcatg 120
aaagaatcat ggcacttgat ctctctcatg gtggatcatct ttctcatggt tatcagactg 180
acaccaagaa gatatcagct gtgtctatct tctttgaaac aatgccctat agattggacg 240
agagcactgg ctacatcgac tacgatcaga tggagaaaag tgctactctt ttcaggccaa 300
aattgattgt tgctggtgca agtgcttatg ctanattgta tgactatgcc cgcacagaa 360
angtctgtna caagcaaaaa agctgttatg ctagcaaata tggcacacat canttgggtt 420
g 421

<210> 6839

<211> 492

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-116-Q1-E1-H3

<400> 6839

ntgttacgcc tgccgtagcc gtccgaaaat tccngggctn acccagcgt ccgatcgatc 60
aacaaagtga ggtaggttc catctccacc tctttctctc tcgaatcttc tccgattaaa 120
ggaacaaggt ctggtttaca aaagtctcat agatgtcgag tggaacagtg agaaggggtt 180
cacgtcaaga tatacaactg gttcaaaacc ttatagaacg atgccttcaa ctttacatga 240
atcagaaaga agttgtggat actttactag agcaggctaa aatcgagcct gggttcacag 300
aactagtttg gcagaagctt gaagaagaga atcgggagtt tttcaaagct tactatctta 360
ggctaattgt taaacaccag ataattggaat tcaacaagtt gcttgagcag caggttcacc 420
acatgcgtca gatgcatcca actgggtgtt gcttctgtcc aaaacacaaa tggttctcat 480
cttcaatcaa tg 492

<210> 6840

<211> 492

<212> DNA

<213> Arabidopsis thaliana

<211> 445
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-F7

 <400> 6844

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acgcgtccgc atagtttctt cttgcttttg agaaaaaata attatatatt tttatatagg   60
aaaggggttaa tttattaata aaaaaaaata aaaagaagca gaaaagagat aatgcagggt  120
ggtaggcttt tgacgggtgtt ggtgtgcctc gcctccacgg tggcggttggg gagcgccggg  180
gacccttact tctactacac gtggaacgta acctacggaa ccgccgcgcc tctcggaatt  240
cctcaacagg tgattctcat caacggacag ttccctgggc ctaacctaaa ctcaacctcc  300
aacaacaatg tcgtcatcaa tgtcttcaac aacctcgacg agcctttcct cttgacctgg  360
agtggactcc aacacangaa gaactcatgg caaagatggt gtgactggga cctcatgcc  420
atcccaagca aggaacaaac ttcac                                           445
  
```

<210> 6845
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-116-Q1-E1-F9

 <400> 6845

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acgcgtccgc cagctttatc tctctctttt tcacatccca tggctagatg gtgacgacga   60
ttcacgcata aactaggggt cccccacaaa tcatcttaca cgtatcctct attccttcct  120
tcctttctcc gtcacatca tttttccac cgacaacaat ctctcgaggt ttgggtatta  180
ttactttctt catcaaccaa ttgtaccact agatctccca gattccttca ttatctctat  240
caataatggc gttgaagtct agttctgctg atggtaaaac cagaagctct gttcagatct  300
tcattgtggt tagtttatgt tgcttctttt acattttggg agcatggcaa cgaagtgggt  360
ttgggtaaag gagacagtat tgctcttgag atgaccaaca gtggagctga ttgcaacatt  420
gttcctagct tgaatttcga gactcatcac gctggcgaa                               459
  
```

<210> 6846
 <211> 485

664490-116-Q1-E1-G2

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-G12

<400> 6846
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gatggtgaag gtgctacatg tctcatcgag gtaactgtta aaggaacaga aactgaagca 120
gaagcagcga aaattgcacg ctctgtggct tcctcttccc tgggtcaaagc agctgtttat 180
gggagagatc caaactgggg acgcatagct gcagctgctg gctatgccgg ggtttctttt 240
cagatggata agctgaagat atccctcggc gagttctcac tcatggagag tgggtcaacct 300
cttccgtttg acagggatgg agcaagtaac tacctcaaga aaaccggtga gggtcacgga 360
acagttacaa tcgatatatc cgtaggtgat ggtgcagcca tcggaaaggc atggggatgc 420
gatcttagct atgactatgt caagatnaac gctgagtaca cctcatanaa ctgagaccga 480
gagac 485

<210> 6847
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-G2

<400> 6847
gtagncgctc acaattcccn ggtenaccca cgcgtccggg ntgtttttct tccttttttg 60
tttttatcga ttttacnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnagaaag cccnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
aggagcgtcg ttggtgatgc taatcttaat aataagaaga agaagattga taataattcc 360
tcctctaagg atggtcgtgt caagcctaaa cgtcagatga aaactccgtt tcaacttgaa 420
accttgagaa aagtttaatc agangagaag tatccgtccg gacgcaatgg aaac 474

<210> 6848
 <211> 444
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-116-Q1-E1-G5

 <400> 6848

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 gaacagacta cttagtggct cctcctgaca cagagatcat agatcatctt gagataccgt 180
 cgacgattcc agattggata acagaagaag agattcaagt gtatgcggaa aagtttcaaa 240
 gatctggatt cactggccct ttgaattact acagatccat ggatatgaat tgggagatat 300
 tggcgccgtg gcaagactcc aaaatcgtcg ttcctactaa gtttatagcg ggagacaaag 360
 atatcgata tgaaggacct aatggaacaa tggagtatgt gaaaggagaa gtgttcaaga 420
 ttgttgtgcc taatcttgag ataa 444

<210> 6849
 <211> 509
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-G9

 <400> 6849

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 cacgcgtccg gaggttttgg aggaatgtgg agaaaaata agcaagaaag agtcaaagaa 120
 gcgagccgct aaactggaga agttgctccg taaacaggaa cgagaagaag ccacatcatc 180
 atctctttct ctggaggagg aggatgaatc gtgttccagc aactacggtg acgtgactac 240
 taacgagttg cagtcggctg ttgagggaaa agagctcact gatgtgagca acttggttga 300
 agagattgtg gggtcagagg tttcgatcag aggtcgactg cacaagaatc gcttagtcgg 360
 taccaaattg tttgtgatct tgagggaaaag tggattcacg gttcaatgcg tgggtggagga 420
 gaccagagtt ggtgcaaaca tgattaaatt tgtcaagcaa ctgagtcgtg aatctgttgt 480
 tgagcttatc ggtgtctctc tcaacctaa 509

aanga

425

<210> 6852
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-H12

<400> 6852

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gtctcagtta cgtnnaggat cgagcttang agatgagtgg ngttgaagag aaagtttctg 120
gaacgacant tacacctgca gatttcctca aatccatccg tgggagaccc gttgttgtca 180
agctcaattc tgggtgttgat tatcgaggca ctcttacttg tcttgatgga tatatgaaca 240
tagcaatgga gcagacggag gagtatgtaa acgggcagct caagaacaaa tatggtgacg 300
cctttatccg tggaacaac gttctttaca tcagtacagt aaacatgact gtagcagacg 360
gagcctangc ccatcatgat catcaacaac aacaacagtg gtcatgttat ggctgccatt 420
tttgttgtct tcttctacct catattaata gagtatagac atgtnccaag attgtcatcc 480
tangttcctc aatag 495

<210> 6853
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-F11

<400> 6853

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
tcaagtgtga tctatgaagc gcaaggaacg ttcttactaa accattactt gaagaagaat 180
tttccaaaaa aatgcaacga gtttacgcct tacgctaaca agggtatgat aacgttggtg 240
accgatctcg aaggtagcag tccggccact acagagttca agactttctt tacacagttc 300
aagtcttaca tgtctttcat cgagacaaca tcggcctcaa caaaaaatgt tgatgccgag 360

atgacagcta aatgtgacgg tcttttcaag gccatgtctg cattgagtgc tagtaaaggc 420
gtcaaatcag cggatgctgg ggagtatgaa gatgaccatg ttgtcgatgg gaaagact 478

<210> 6854
<211> 405
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-C6

<400> 6854
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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnng gatcgtggac 180
aacgctctcg ctgtaaccaa agatgcagat cagtaaaaac tgttacatat gagtctttga 240
ataacattgc gaggtgcata aatggagtat cagctcttct gttgaccctt ctcccaggga 300
aggctaatat tcttgaaggc ttacatggct gggaactcag gcctacgttt cggggaccac 360
gtttaccacg gtggatgcat aatgggggtct cttctttcaa tgagt 405

<210> 6855
<211> 445
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-116-Q1-E1-C7

<400> 6855
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tgtactcggc gattcgggtct tcgcttcttc tagatggcag cttgggagac tactctgacg 180
gaaccaatct tcccatcgac gcttgtcttg tctaaccac tgacccaag cctcgccttc 240
gttgacctc tgagctccat gaaagattcg ttgacgccgt cactcagctc ggcggaaccg 300
acaaagcaac gcctaaaact ataatgagaa caatgggagt gaagggtctc actctttacc 360
atctcaaadc tcattctcag aaattccgct tggggaggca atcttgtaaa gaatcaattg 420
acaactctaa ggatgtttct tgtgt 445

<210> 6856
 <211> 442
 <212> DNA
 <213> Arabidopsis thaliana

<223> Clone ID: LIB24-116-Q1-E1-D5

<400> 6856

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 gatactgttg gatgatgtgg ggatggatta catctgcaca acagcagagc ggttttttgc 180
 agttggtcga gtgttgggaa atatggttca gtcacttggt gagcagcctt ctccgcgcct 240
 tttgaagcat atcattcggt gctatctccg tttatcagac aaccaagggt cttgtgctgc 300
 actcgcaagc tgtctccctg actcgctacg agatggatcc tttagcaatt gtcttcgcga 360
 ggatccaact gcaagaaggt ggctgcaaca gttggtgcac aatgttgag ttggtcgcgt 420
 ccaacacatc aaggtggagg at 442

<210> 6857
 <211> 491
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-D6

<400> 6857

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 ttantggcgg cttegttctc actcagagc ttcattctct tcattctacc attcaaatch 120
 caaactaaac ctacaccacc accaaatctc actcttcctt ctccaacaat ctcccaaagg 180
 cgaagaaatg atctcgctat cgaatcaatg gcggtcgaag aaacttcctc aaccgcttct 240
 tcactttcct ctgagcttgc ttccgtgatt tgtccctcgc ttgcttactc naacacactc 300
 ttcttcagtt ctggatacaa tgtgcaagtg tttgttgaag ataatgagtc agagganagg 360
 cttgtgaatc gatttangag aagaagtgat gagaactggt gttatacagg aatgtaagag 420
 gagaagatac tttgaagaat aaacaagatn anaagaaacg tatgactcgt gatgctgcta 480

agcgtaataa g

491

<210> 6858
<211> 442
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-D7

<400> 6858

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atatgctcag gctcccgac catggaatcc atctaattggg tttcgtccgg ggacatgtga 180
ccactacgag tgtcccacct ataaattggg acaggccgga tacggctttg agatccgcat 240
gtacgacgct gccctatgga tatctactan tcctatcccc tccctatcca tgactcaagc 300
caccaaaacc gggttccgac ggtaaatgaa taaatcgat atataagact tgggtgttctt 360
tcggtttctt tatattataa actgaagttg actacgtttt tgggtttata gattaaatan 420
gtacatanaa ggagataaca ag 442

<210> 6859
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-D8

<400> 6859

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tttcaaaaca gaggagaaga agcttgagct aaagcttggg ccacctgggtg aagaagatga 120
tgatgaatcg atgataagac acatgaagaa agaaccacaaa gacaaatcta tcctctctct 180
cgctggcaaa tacttctctc cttcttccac caaaaccaca tcccataaaa gaactgctcc 240
tgggtccagtg gtgggatggc ctccggttcg atccttcagg aagaatttag ctagtgggaag 300
ttcttcaaag cttggaaatg actcaaccac ctccaatggt gttaccctca agaaccacaaa 360
gtgtgatgct gctgctaaga caacagaacc aaagagacaa ggaggcatgt ttgtgaagat 420

caacatgtat ggtgttccca ttggtcgtaa agttgatctc agtgctcata atagctatga 480
gcagttatct 490

<210> 6860
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-E1

<400> 6860

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gattttcagt acgaatacga accgtgaaag cgtggcctat cgatccttta gaccttcgga 120
atttgaagct agaggtgtca gaaaagttac cacagggata actgggcttg tggcaaccaa 180
ncgttcataa ggcaggttgc tttttgtcct tccgatgtcg gtccttccc tancaattgt 240
gaagcaanaa ttcaccaagt gttgggattg ttcaccacc aataaggga cgtgagctgg 300
ggttanaccg tcgtgagaca ggtagttta ccctaactga tgccccgcct cncnataag 360
taaattcaac ctagtacgaa aaggaaccgt tgattccgca caaatttggg catcgcccct 420
tggttgaaaa gccagtggcg cgaagctacc gtgcgccggg attatgactg aacgcctcta 480
agtcagaatc ccgggcta 498

<210> 6861
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-116-Q1-E1-E12

<400> 6861

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ggtggattca ataaagttgg atcagctcca ccttcaccgt catcgaggt tagcgatgat 180
ctatgggcta ctatctggga agttagtaat acagtgttnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn atacgttcaa tctcctgaag tgatggagat gtgtaggttt 300

cggttttggg gtgagcagag gcagtctact cggcgaaaga gtgttcattc aattgctcgg 240
 ttggaagcgg ctcaaccttc tgggccttcc cgtctttctt tgggattatc agaccgtaac 300
 ctcttcttt tctcttgtag actatgttta tctcaccagt ttcttcattt tggaagccat 360
 agaagtcgtg actgactagt tccagctgct cgactgcctc agcgacagtc aatggtggca 420
 tctcgaaagt cttggtacgg aca 443

<210> 6864
 <211> 443
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-E6

<400> 6864
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 agactacca aaatgccggg atttagtctt aagttacggg gccatgacac ctcttctgtc 180
 tcaattcaat gagaatanaa agctttcaat gctganaaat gctacatgga cattatcaaa 240
 cttctgcaga gggaagcccc caccgcatt tgaacagaca caaccagctt taccagttct 300
 tgagcgcctt gtgcaatcaa tggatgaaga agttctcaca gatgcatgct gggctctgtc 360
 atacctctcg gataattcaa acgacaaaat acaagcagtc attgaagcag gagttgttcc 420
 tcgcctcatc cagctcttan gtc 443

<210> 6865
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-116-Q1-E1-E8

<400> 6865
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 ggaagtcatt ttggttacga gggcgggttc tgttttcccg gtctctgcat tggaggatct 180
 ggtggtagta gaggccatta tggcaggac cattacggtg gtggaagtca atatagaggt 240

ggtattgggtt acagagagac catgtactgc aaaccgttga cttgttatgg tggctcatgt 300
 gatgcactcc atttgcattt agacaaaggg ttatatgaat ctctcatag caataactaag 360
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 atc 423

<210> 6866
 <211> 511
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-116-Q1-E1-E9
 <400> 6866

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 cgagtttagac atagagtttc tagggaacat aaaaggaaag ccgtggaggt ttcagacaaa 180
 tctatacggg aatggaagta cacatagagg tcgtgaagag agatatcgtc tctgggtttga 240
 tccttctaag gagtttcacg gttatagcat tctctggact cctcacaaga tcatattttg 300
 ggtagatgat gtgccaataa gagaagtgat cagaaacgat gcaatgggag cagattatcc 360
 ggcaaagcca atggctcttt acgccaccat ttgggacgct tctgattggg ctacttccgg 420
 cggcaaatac aaagctaatt acaaatttgc ccctttcgta gctgaattca aatctttctc 480
 tctaaacggg tgctccgttg atcctaata a 511

<210> 6867
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-116-Q1-E1-C5
 <400> 6867

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 ggatactcgg ttttctaaca agcaagctaa attgatgaaa agccagaaat ttgctccgga 180

tggcttaagc caggagcttg tataaatgga gatcaatatg actacgacgg ttcggaagac 300
gaccattcna ggccttggtg ggcgcgtcgt ctcagatcct tgtntatggc agccacgtcn 360
tttactccgt ccacttttcg aatcgctatc tcgttgctcc ttctggtgct ancgctctccg 420
ccgtcaattt tctccccggc gaacaaaaaa tttaaggact tcttggtaan ggattaagga 480
aat 483

<210> 6870
<211> 496
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-B10
<400> 6870

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gagcctgtgg tcttgttagc ttagaaccta tgaagattgc agagatcctc aaagatcggc 180
catcttggtt ccgtgactgt aggagccttg aagttttcac tatgttcccg gctggtaatg 240
gtggcacaat cgagcttggt tatatgcaga cgtatgcacc aacgactctg gtcctgccc 300
gcgatttctg gaccctgaga tacacaacga gcctcgacaa tgggagtttt gtggtttgtg 360
agaggctgct atctggctct ggagctgggc ctaatgctgc ttcagcttct cagtttgtga 420
naacagaaat gctttccaag tgggtattta ataangcctt gtgaatggtg ggtgggtcca 480
atattcaaaa ttgtcn 496

<210> 6871
<211> 500
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-B11
<400> 6871

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gatcttgga atcgcaggca ttgttcgtct actcgaggat ttcaattttg gtcattnnnnn 180
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 attctaaccg gtgtaccaga taatgtcatc acgacgtcag catcggaagc tggaccggta 360
 gaaggagtct tcgtcggagc tgtatttaac aaggaagaga gtaaacacat cgtaccgatc 420
 ggtacgcttc gcaattcccc gtttatgtct tgtttccggt ttaagctctg gtggatggcc 480
 caaaagaatg ggagaaatgg 500

<210> 6872
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-B3
 <400> 6872

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 ttgcggtaga acaagaagac gaagaagtcg aaataggaag gattaangat ggnggctggt 240
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 aagcanntga aaccgcaaaa agtcacnac 449

<210> 6873
 <211> 510
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-B5
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accaccatga cacactgatg ccatacttgg gacgcgtaaa caccaccacg accaagactt 180
atgcaagcag gacacttctg ttcttgaaag atgatgggac cttgaagccg ttggtgatag 240
agctgagctt gcctcatcct aatggagaca aatttggagc agtgagtga gatatatcgc 300
ctggtgaagg tgtctacgac tcgctatggc agttggctaa ggcttttgtc ggtgtaaagt 360
actccggaaa tcatcagctt attagccact gggatgcaaa cacacgcac gattgaaccg 420
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acctcacttc cgtgatacga tgaatatcaa 510

<210> 6874
<211> 529
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-B6

<400> 6874
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tcggttttga tttgggtttg atcggaaaag tcatgggtaa ttgttgcgga acagcaggat 180
cattgggtca aaacgataac aaacccaaaa aaggaaggaa gaagcaaac cttttctcga 240
ttgattacgg tcttcaccac ggtggtggag atggaggtgg aagacctctt aagcttatcg 300
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gtcgtggaga attcgggtgtt acgtatctat gtactgataa ggagacagac gacgtttttg 420
cctgtaaaac gantttgaan aaaaaactga nggacagctg ttganantga aaaatgttnt 480
ggnaaaaagg ttagaatntt nanggcaa at gcccgaggca accccaaag 529

<210> 6875
<211> 478
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-115-Q1-E1-B7
<400> 6875

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ttctggagct aagttcgatg agctttatcg gtcaagctgg gctatggatc attgtgtcaa 180
cgaaggcgaa gtcacaaaac tcaagcttga caattactct ggagctgggt ttgaatcaag 240
aagcaaatac ttgtttggta aagtctctat ccagattaag cttgttgagg gtgattcagc 300
aggaacagtc actgctttct acatgtcttc agatgggtccg aaccacaacg aattcgattt 360
tgagttctta gggaacacta ccggcgagcc ttacatagtc cagaccaata tctacgtgaa 420
cggagttggg aaacagagaa caaagactca acctttgggt ccattccacc actgaatt 478

<210> 6876
<211> 480
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-C1
<400> 6876

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gaaatctttt acaagacgaa gaagattttg tatcggtggac aaaggtgcaa tatcattctc 180
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ggaattaatc tagacactta caattctcaa gtatctgaag aggatttggt gaatcttggt 300
atcgatgtac tgggatgata cagacgagta cattgatatt gggctcatca gaaaacttgc 360
ttgtgggata aatgtcattt gaaattcgag aaggattacg gattttgagt taacactgga 420
gctagaaaaa ttccgtcact taagaatccc ttgtancang gatggcnagt tattccacgg 480

<210> 6877
<211> 462
<212> DNA
<213> Arabidopsis thaliana
<223> Clone ID: LIB24-115-Q1-E1-C10
<400> 6877

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 gctgagaaat cggcagagca gaaaaacaat gaaagagacg aagtaaagca aacggagcag 180
 tttggcgggt ttccaggagg agggatatgga gggttcccg gaggagggtta tggaggaaac 240
 cctggtgagg gatatggaaa ccgtgggtggg ggatatagaa accgtgatgg aggatatgga 300
 aaccgcgggtg gaggatatgg aaaccgagga ggaggatatt gtcgctatgg ttgctgctac 360
 agaggctact acgggtggctg cttcaagtgt tgtgcttatg ctgggtcaagc tgttcaaact 420
 cagccacaga gtactgagcc gggtcactaa aatcctaaaa tg 462

<210> 6878
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-115-Q1-E1-C11
 <400> 6878

acgcgtccga ataaaccata ccataaaaaa catgaaaatc ctctcacttt cacttctctt 60
 gctcttgccc gctacggtct cggcatccgt tccagggtc atcgaactcg tcgattcgaa 120
 aaccatcttt gggaacgtag ccgaactctt agagaaagag aaactttcca tcaactacgc 180
 caactgcaga agctggcacc ttggtgttga gacctctaac atcatagact tcgacacggt 240
 gcccgcaa at tgcaaagact atgttgaaga ctacttgatc acttccaaac agtaccaata 300
 cgactccaaa accgtgtgca aagaggctta tttctatgcc aaaggacttg ccctaaagaa 360
 cgacaccgtc aatgtttggg atctttgacc taagatgata cctcctctct agtattccct 420
 actacgcaaa atatggatac ggaacagaga agaacgaccc gggggcggt 469

<210> 6879
 <211> 558
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-A4
 <400> 6879

actggtnagc cttgcctagg cctccggaat tccaaggctg acccaccgct ccgcggacgc 60

<400> 6881
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 ttgtagctgc ggtggcancg gaagaggang agaanaagag gaanaaaccg gttttgggag 120
 aagaccacac tataatggaa gcagtgttga ccgttgactt ttgggtgctt tttgtgtcct 180
 tcttgtgtgg tgtaggaact ggttttagctg tgatgaacaa tatgggtcag ataggtcttg 240
 cccttggata cacaaatgtc tcaatctttg tctccatgac tagtatttgg ggattcttcg 300
 gtcgcattct ctccggtact ctctccgaat actttctcaa gaaagctgga acaccaagac 360
 cactatggaa tgcagcctct caaatcctta tggccgtagg atatatacta atggcttttag 420
 ccgtgcctaa ttcactctac atcggttcaa tgggtggttg agtatgttac g 471

<210> 6882
 <211> 482
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-H2

<400> 6882
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 ttctgtgtag ttcccagaag gaaagtcaga tgacagtgtc agtaactgga gcaactggat 180
 tcatagggag acgattgggt cagagacttc gtgctgataa ccacgctatc cgggtcttaa 240
 cacgctctaa atccaaagct gagcaaatat ttctgcaa ggacttccca ggtattgtga 300
 ttgcagaaga atcgagtggt aagaactgtg tacaangctc tactgctgtt gtgaacttgg 360
 caaggactgc ctaatagtac aagggtgtct cccgagatna agaaagagan taaaggcaag 420
 ccggattcgt gtcacctcca aaagttgttg acctaataa taattcacca acanaagcta 480
 gg 482

<210> 6883
 <211> 458
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-H3

<400> 6883

acgcgtccgg aaaaaaagag aaggcatggc cgcggaagaa gcgacggagt tctacctgag 60
atactatgtc ggtcacaaag ggaaatttgg acacgagttc ctggagttcg agtttagaga 120
ggacggtaag ctccgttacg ccaataactc taactacaag aacgatacta ttatccgcaa 180
ggaggtatatt ctcacccccg ccgtgctcaa ggaatgcaag cgtatcgtct ccgagagcga 240
gattctgaaa gaagacgata acaattggcc ggaacctgac cgtgttggaag agcanagagc 300
tcgagatcgt cttgggtaat gagcatatct cattcgctac atctaagatt ggatttcttg 360
ttgattgna anaagcagta atgatactga agggactcgn atcttctant atcttggtca 420
aggnctttgn aaatgtcctg tttttttcgc tcaaccnc 458

<210> 6884
<211> 515
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-H4

<400> 6884

gctggttcgc atggccgtng aatcccgaag tcgaccacg cgtccgtatc accatcaaca 60
catgcccac aatgccatctt ccagcaatc tttaactttg gtgactctaa ctccgatacc 120
ggcggctctc ccgctgcttt tggccaagct ggtcctctc acggctcttc cttcttcggc 180
tcaccgcgga gacgatactg cgatggtcgc ctcgctattg acttcatagc ggagagtctt 240
ggattaccat atctaagcgc gtttctagac tccgttggtt caaacttcaa gccacggcgc 300
taacttcgct accgcgggat ctccgataag agctcttaac tctactctac gtcaaagtgg 360
attcaagccc attttcactc gatgtacagt tcgtacaatt ctataacttc cacaacagat 420
ctcaaactgt tcgtantcgt ggaggagtct acaagacaat gttgcctgaa atcccgacaa 480
gcttctcaaa aagctttgtc acttttgaca ttggn 515

<210> 6885
<211> 468
<212> DNA

<212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-H9

<400> 6889

aagaaagtgc ggatgtgatt atcctagatg ataacttctc tacgattgtc acagtagcca 60
 aatggggccg ttctgtgtac ataaatattc agaaatttgt ccagttccag ctgacagtaa 120
 atgttggtgc tcttattgtc aacttcttat cagcctgcct cactggttag ttcccaaccc 180
 acatttattt ttctcttggt caaaagacta atctctcag ggattgcaac taacttctct 240
 gttacattga cactaactac tgtgggtctc aggaaacgcg cctctgactg ctgtccaact 300
 actgtggggt aacatgataa tggacacact tggagcactc gcgctaacga ctgaaccacc 360
 acaggncgac ctgatgaana gatttccaat gggaaagaaa ggaaacttca taagtaatgt 420
 aatgtggaan 429

<210> 6890
 <211> 477
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-115-Q1-E1-A1

<400> 6890

gggtttattt ttgttttttg ggttcgccga agtaaaaaaa aaagaataag gattttctca 60
 ttaaatttcc aaagattagt cttttgtatg tatcttctact ttcttatgaa tgtgtaaacc 120
 ttactcattc ccgtgatcct actttgggat ttcgctagaa gaagttagg tgacgacctt 180
 aatttaagtt tgtaaatagca ggtcctttct ttctagggtt tatcgaaatt ggtgtaaatc 240
 ttttggaatt gggttgagat tttttctttt ggggaattgc aattcattaa gtcgtcgtga 300
 tccagtgtgt ttttaagtga agtaaggcat tttcgatatt cggagacttt taggtcaatg 360
 tcggctccaa ccgcgaattc cggccggtgg gattcaaccc gaccggagaa ntcaagatta 420
 agttcctggg ccccgccngg naataancct gcaancaaga aaaccgttgg tcaaaag 477

<210> 6891
 <211> 509

664730.466666

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-A10

<400> 6891

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gtgggtttga taattatgac actagtggtc ctcaaatgt taatgcacac attgggcttg   120
ctaagctaag gaaggagtgg attgatcgtc gggagaagct aggaacacca agatacactc   180
aaatgtacta cgctaagcaa gggatcataa ctgaggaaat gctctactgt gctactaggg   240
agaagctaga ccctgagttt gtaagatcag aagttgcacg aggacgggcg attatccctt   300
ccaacaagaa gcatttggag ctggaaccga tgattgttgg tagaaagttc ttgggtcaagg   360
tcaatgcgaa tatcggaaac tctgctgttg ccagctctat tgaagaggaa gtctacaagg   420
ttcagtgggc aaccatgtgg ggagctgata caatcatgga tttctcaact gggtcgtcac   480
atccatgaga cacgtnagtg gattctaaa                                509
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<210> 6892
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-115-Q1-E1-A11

<400> 6892

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ctggaatcca nagacttgtg ttttaagctga aggaactggt caggcgtatc gatgaacctg   120
tttcaagaca catggaagag catgggctag agtttcttca atttgctttc cgggtggtata   180
attgtcttct gattcgtgag atccatttca atctcatcaa tcgactatgg gacacttadc   240
ttgctgaagg agatgcgttg ccagacttcc tgggtgtatat atatgctagc tttctcttga   300
cgtgggtctga tgagctgaag aagctagatt ttcaagaaat ggtaatgttc ctgcaacacc   360
ttccgacaca taactgggtca gaccaagagt cgaaatgggt tgtcaagagc ttacatgtgg   420
catantaagt tcaataattc ccaaaacat ttggctaact gaaatgactt ttcctnc      477
```

<210> 6893
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-G9

 <400> 6893

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tacagaggtg atagcaacca tgcgggcaga ggtgtcagat gtatcaaaga gcgcgatcag  120
caattcattt ttactaagac gacgattcga gcatcccatt ctcgcttgac gatattctcca  180
aatcgatgca aaacgtagag gttgcagagg ttgatcctcc tccgttgatc cgccaaaact  240
ccaacttcat gttcttgttg gaaagggtcag attgaagtag tcaaagttcc ctatacccgga  300
tcgatcgcta ggacattttc agattaggag atcagtattg tgctttcaaa aacaaagcct  360
gtacattagt acatatgcct atctttgccca attggctttc tgggtactgtc ctactaatta  420
ataggggtat attggggtag gaaaaaatat atatatgtga actaaaatat ttgtttgtgtc  480
caagcgttga taaggccaa                                         499
  
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<210> 6894
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-E9

 <400> 6894

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ttctctaatt tgggtcgtaa ctcgtaagcg gcggtggaat tcaagtcgcc accggttccg  120
atcaaagtct tccgttatac gcaaacccta attcctcact acacgactct ttttgatctg  180
aatcgagaga tgggtacagga ggagaaagct atggaagcaa taaatgacgc tttgagagct  240
ttgcggaagc gtcattcttct ggaagaagga gtcattgctc ctgcgatttc tgctctctct  300
aagcctttta tctctcaggg ttcagaatgg aaggagaaaa cagaaaagct ggaaacagag  360
ttacagcaat gttacaaagc tcaatctcga ctatctgaac aactgggtga tagaagtagc  420
tgaatccaga acttcaaagg ctattttaca agagaaggag ttgttaatta atgacttgca  480
  
```

gaaggaatta ca

492

<210> 6895
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-F1

<400> 6895

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gtaggtgtg catttgatga atctaacgta caacacgggt atttaaccaa aaatggcatc 120
tacagtcaag catgtggact aaacaatgag catgatgtca tggggccatg acgactacat 180
gtacatggaa tttaactca aggatgtgga ttaacaata tagttaagca aagttcattt 240
tgacttgatc ttcatcacgt caacatgaac ttgatttta ctgtataact tgtatttact 300
gtaataacaa caatatataa caattagagg ttgtagatat tatgatcaat tacttaatca 360
tgtcttgatc ctaataacta cggctctctga attgctgtat attattatta ttacagcaag 420
tacaagttat accgcaagat naaagttcac gttgatgttg gagaaagtc 469

<210> 6896
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-F11

<400> 6896

acgcgtccgg tgaaattcga agagcgaatc aaagaggaag aagaagaagg aggaggtata 60
gcaatggggg tcgattatta caaggttctt caggtggatc ggaatgcgaa agacgacgac 120
ttgaagaaag cttatcgcaa actcgccatg aagtggcatc cagacaagaa ccctaacaac 180
aaaaaagacg ccgaagccaa attcaagcag atctccgaag cttacgatgt tttgagtgat 240
cctcaaaaga gagccatcta tgatcaatat ggagaagaag gtctaacaag ccaggctccg 300
cctcccgag caggcggcgg gttttcggat ggaggggctt cgttccggtt caacggtaga 360
agcgcaaatg atatcttctc ggagttcttt ggcttcacaa gancatttgg tgactcacgt 420

ggtgcaagtc cctctaattgg gttccggttc gcg

453

<210> 6897

<211> 478

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-114-Q1-E1-F2

<400> 6897

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taacgcaggc agttccggcg aaattccgtc tccaataagg aaccgatttc aagaaaagtg 120

ggagtcaagc ggtgtacgan gtgacagaga cgaagaaatc ttgcgtgacg agagtcgaca 180

tgcctggggt gtcccgaagt cagatctcac ctactgggtc gacgccaaca acgtccactt 240

cttcgccgac gaaccagcaa tgcctgagta cgaaaacgcc ggacgcaa at acggaggctc 300

catgattttc aaccctgagg cttacgacgt caagaaaact aaagtgaagc ttatcaacgg 360

agtgtcttgg atnaccgtcc ctaagattcc aggcaaaaac gcctccaata atgtcaagga 420

gaagattctc caattactgg atttaacaac acccttgggt tgggtgtcccg taatggga 478

<210> 6898

<211> 478

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-114-Q1-E1-F3

<400> 6898

acgcgtccgg aaacaaaaaa aaatggcgac ggtacaattg tccaccaat ttagctgcca 60

aaccagagtt ttcaatctca ccgaactcta aatctatctc caagcctccg tttctggtac 120

cggtgacctc aattattcac cgcccgatga tctccaccgg aggaatcgct gtttcccccc 180

gtagagtttt caaagtccga gccacagata cgggagagat aggatcagct ctattggcgg 240

cggaggaagc aattgaagac gtggaagaga cggagcggct aaagagatcg ctcgtggatt 300

cgttgtagcg aacagatcga ggtttaagcg catcgagcga aaccagagct gaaatccgga 360

gatntaatca cacagctcga agtctaaaga accctactcc anctccgacg gnagctcttt 420

6897-6898

cccttctcaa cggcaaatgg gttctcccc aaanacaatcg ttccgtgaaa tttgtttc 478

<210> 6899
 <211> 476
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-F5
 <400> 6899

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 gtcgaaaaac gatgatgcat aattcaaccg aagaatcgga atgggaggtg agacctggtg 180
 gtatgctcgt ccaacgaaga gacgacgccg cttcctccga ccacaaacct ctccaggatc 240
 ccgactctgc ttccgcgcgt tttgctcaaa ccatcagaat cactgtttct catgggtcat 300
 cgcaccacga tcttcatatt tctgctcacg ccactttcgg ggatgtgaag aaagctcctt 360
 gttcanaaaa ctgggattgg aagcctagtt gaanttgaag atcttgttca annngatttt 420
 agaagagatg atgccngaac aattgcaanc tggccgggtg ttaaagggat gcgtcc 476

<210> 6900
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-F6
 <400> 6900

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 tcgaggattt caattttggt catnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnna ccggcgggtc gtatttccga 240
 cgggaatcta atcatcaaaa accggacgat tctaaccggt gtaccaagat aatgtcatca 300
 cgacgtcagc atcggaagct gggaccggtga gaaggagtct tcgtcggagc tgtatttaac 360
 aaggaagaga gtaaacacat cgtaccgatc ggtacgcttc gcaattcccc gtttatgtct 420

tgtttccggt ttaagctctg gtgggatggc ccagagaatg ggaaaaaat 469

<210> 6901
<211> 465
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-F7

<400> 6901

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aaaaatctat aactgttata tcaacaaaaa attgtttatt gttatgagag gggttaaact 120
cttgcccgcg tgccctctacc tggccgctgc cgcaacggtg gtagtccgag ccgaagatcc 180
ttacttccat caggtatgga acgtgacctt cggaaccgtg tctcctctcg gtgttccaca 240
acaagtcatt ctcatcaacg gacaattccc tgggtccaac gtcaactcaa cctccaacaa 300
caacgtcatc attaatgtct tcaacaacct cgacgaacct ttcctcctca catggaatgg 360
gatccaacac aggaagaact gttggcaaga tgggactcca ggaactatgt gtccgatcat 420
gcccggcacc aactacactt acaatttcaa gcctaaggat cagnt 465

<210> 6902
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-G1

<400> 6902

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ggattttatg atactgagga tgaagatcgt cctgctgata aagtaaaatt tccaactacc 120
attgaagaac ttgaaggaaa aagaagagct gatgtagaag cacatttacg caaacaagat 180
gttgcaagga ataaaattgc tcagagacag gatgctccag cagctatatt gcaagcaaac 240
aagctgaatg atccggaagt tggtangaag aggtcaaagc tgatgttacc accaccgag 300
atttcagacc acgagctaga agaaattgct aagatgggct atgccagtga ccttcttgcc 360
gagaatgagg agctaacaga aggcantgct gctactcgtg cacttttggc aaattactca 420

caaacaccaa nggcaaggaa tgacacccat gaggacacct caaagaactc ct 472

<210> 6903
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-G11

<400> 6903

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tttagtcaac tttgttcac tgaaccttct aggaagctac ctcaagtaga cagctttggt 120
gacgggcttc aagccagtgg taaagatatg cttctgtaga agggttaatc ttgagcatta 180
aaggacatgg ctttctactc tgaagacgac aagagcgaag actacctctt taagattggt 240
ctaactcgtg attctgctgt cgggaaatca aatttacttg ccagatttgc gagggatgag 300
ttctatccca attcaaagtc gacgattgga gtggagtttc agacacagaa gatggatata 360
aacgggaagg agattcaaag cacagatatg ggacacagca aggtcaagaa cgttttanag 420
cagtcactct gcatattacc gaggtgcaat 450

<210> 6904
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-114-Q1-E1-G2

<400> 6904

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gccgccgcaa gagcctatga tgcggcagca cttcgcttta gaggaagcaa agcaaagctt 120
aatttccccg aaaatggttg aactcagacg attcaacgaa attctcattt cttgcaaaac 180
tctatgcaac cttctctgac atacatgat caatgtccaa ctctattatc ttactctcga 240
tgtatggagc aacaacaacc attagtaggc atgttgacgc caacagaaga ggaaaatcac 300
tttttcgaaa aaccatggac cgaatatgat caatacaatt actcctcttt tggttaacta 360
acatattgtc aacgctttgt atttctactt attcgattta ncaatttttt ctctcccaat 420

acaacttcag tctggattat tgccttctta gatatgtcnt cgaatgttat g 471

<210> 6905
 <211> 514
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-G4

<400> 6905

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 cattggacct ctctaactct cctctcttac cttctcctgt ttaaattctt ctcttttctt 120
 tccacaattt ctgtctaacc aattccaaca ccaaaaaatt ccatttcttg acgatgaaac 180
 gaagccatca agaaacgtct gtagaagaag aagctccttc aatggtggag aagttagaaa 240
 atggttgttg tggtggtgga gacgataaca tggacgagtt tcttgctgtt ttgggttaca 300
 aggttcgac ttcaagacat ggcaagatgt tgcacagaag cttgaacagc ttgaaatggt 360
 cttgtccaat gatattgcct cttctagtaa tgccttcaat gacaccgttc attacaatcc 420
 ttctgatctc tccggttggg ctcaagacat gctctccgga tcttaattac tacccgatc 480
 ttgaaccgga accggatttg cgatctgaga acaa 514

<210> 6906
 <211> 450
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-G8

<400> 6906

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 attcaccact tttgctctct gcggatttgt ccgtgctcag ggagacgcan acagtggcgt 180
 ggacaggctc tggcagaaga agaaggctga agctaaacaa cagtgaagaga caatctgaca 240
 atgtcataag ctcttggttg ttttttgagg tttcgattta ttagctatgt ggctttgtca 300
 ttgaattgaa aatggttagtt tctctttatg cnaattcatg ttttcgattt ttctgcttta 360

ttaannataa ttattaaggc tttgnggcc aatggaatcaa nattctanct aaaaannaan 420
 anaaaggggc ggccgctcta gaaggatcna 450

<210> 6907
 <211> 375
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-114-Q1-E1-E8
 <400> 6907

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 ggtgttgctg ctggttacgc agctctcgaa ttcacccgctc gaggtgtctc cgatggcgaa 120
 ctctgtatca tttccgaaga acccggttgca ccgtatgaga ggcctgcctt aagcaaaggt 180
 tttctgctgc cagaagctcc tgcacggctt ccttctttcc acacttgtgt tggagctaata 240
 gatgagaagc ttacaccgaa atggtacaag ggatcatgga attgaattgg tacttggaac 300
 tcgtgtttta ntccgttgat gtgaggagga agacnctttt atcgancaca ggggagacta 360
 taagttacaa attct 375

<210> 6908
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-113-Q1-E1-A9
 <400> 6908

acgcgtccgc tccgtcatgg tacacggcgg gaagagcaan agtatctcac ggncaaaacc 60
 acactctttg tcgttgagct cattttgatc ggatgggcac aaggacgtag atgggccgat 120
 atcatcaagc ccggtagcgt caacactgac ccagtcttcc caaacaacaa actgacgggc 180
 acagacgttg gttaccagc tgggttatgg ttcgaccctg tgggttgggg atccggtagc 240
 ccggctaagc tcaaagagtt gaggaccaan gagatcaana acggaagggt ggctatgttg 300
 gcagtgatgg gtgcttggtt ccaacacatc tacactggca ctggctctat tgataacctt 360
 tttgcacatc ttgctgatcc tgtcaagcca caatcctcgc tgctttcaac acccaatgaa 420

caatcatttc cgttccttga ancatttggt aacaangaag ggaatgtccg taacaccaag 480

<210> 6911
 <211> 495
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-113-Q1-E1-C1
 <400> 6911

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 gggaacgatg gtgttgctgt catcaccatt tctaaccctc ctgttaactc tttagccagt 180
 ccaattatth ctgggttgaa ggagaagttt cgtgacgcca atcaaaggaa tgatgttaag 240
 gccatcgtgt tgatcgggaa caatggaaga ttttcgggtg gttttgatat caatgtcttt 300
 cagcaagttc ataagactgg ggatttatcg cttatgcttg aagtatctgt tgagcttggtg 360
 tgtaacctga tggaagactc caggaagccg gttgttgctg cagttgaagg attagctctt 420
 ggtggtggtt tggaacttgc aatggcgtgt catgccagag ttgctgctcc gaaagctcaa 480
 ttaggcttac cagaa 495

<210> 6912
 <211> 522
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-113-Q1-E1-C11
 <400> 6912

gaactgttac gcctggcttt acggggccgna attncggaa cgaccacgc gtccgtgcat 60
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 agaaatggct ctctatctct cttcttcacg actcatcacc tttctctctt tcatcttgct 180
 tctctccaat ggcttctcgt cctcttcctc tcgccctagc atccaccatc gtcaccacct 240
 ggacaaccac aattacaaag acgctctctc caagtccatt ctcttcttcg aagggtcaaag 300
 atccggaaag ctctctccaa accagagaat gacttggaga agcaactctg gtctctccga 360

cctctccacc attctccagt ccggcggcgt taacgacttc tgcttcaaga gagttgctac 240
cgattactat gactggcctc tcgaatctcg tcgcgacgtt ctcggcgctt cctcagtcga 300
ccatctctgc aagagtattg ttctgggttaa tactcaagct gcatcaaata ttttggattg 360
cagtgatcca aacaactcaa aatactatgt ggttgtgggt caantatact gctagattca 420
atgctgaagc anttgaagca atttcttaat cacnaaacga aggnaaagat tccaaagaaa 480
agattt 486

<210> 6917
<211> 509
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-D11

<400> 6917
ctgttaccct gctttancgg gccgnaattc ccggatcgac ccacgcgtcc gattccgact 60
atTTTTtaag agTTTTctct attcgtnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nggatgatga 180
tgaagatcaa acttaaggag acagaagcag acgtaagcca agacgacatt aaaagacaag 240
aagcttacia catgtctcca cgcgtacnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnatgagcaa gtcacgagc gtgaggcaaa actgtttatg cgcaccaact acacaccctg 360
gtccttcag gtgccgttac caacgtcgta acgctggact ccgggatgtc tcnttggcac 420
atcccgttcc ctctaactt tccaagttgg ctggtggaga ctccaaatct cccaagtgat 480
gaatantana tattaagttg tttcctcnc 509

<210> 6918
<211> 492
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-D5

<400> 6918
ttccccgccg gtanggtcnn aaattctcgg gtcgacnnac ncgtcngcat atgctctaca 60

CCATCTCTGC AAGAGTATTG TTCTGGGTAA TACTCAAGCT GCATCAAATA TTTTGGATTG

664130-123456789

acgacagcct ctctgcactt ggaatttgtg tacaangaga tcttaaacac tttcataagg 120
cgagatacat gcttgctcaa ggtctgtaca gaaggggtgg gagcagtgat ctgcaaagag 180
caaaggaaga actttccttt tgtttcaaat catcacggtc aagttttacg atcaatatgt 240
gggagattga tggcatgggt aaaaagggaa ggcgaaaaac tccaggtttg gctgggaaca 300
agaaggctct tgaagttaac ctgccagaaa gttcacggaa attcataact tgcattcgca 360
aatacttact gttnatttg agacattgga cgaaactgaa natgtcaaca cactagaacg 420
agcctttaan tctcttcgat cagataagan gttctctcta agcgttgaag accttgtagc 480
aattgcaata gg 492

<210> 6919
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-D6

<400> 6919

ccgcccgtan cgggtccgaaa attcncgggt cgacncacgc gtccgggatc tgttactaaa 60
acaangtcgc tttantcana tctgaanaag aagaagaaga agaaacatag ttgangtctc 120
tgттаататg tcttcaacaa caacagattc tacagaattg caaaatctga tcaaactggt 180
tcaaaattgc caaactcanc ctctgtaaca ttttctgca aaatcttcag ctgtantagt 240
ttgtctanac caagaanana gagaagacaa aaacgagcta cgcgtaatct tanccaaacg 300
atctactact ctctcttctc atcctgggga agtagcattg cctgnaggaa aanagacca 360
anaagataaa gatgatatag ctactgcgtt gagagaagct cgtgaagaaa tcggtttaga 420
tccttctctt gttacaatca tttctgttct tgaaccattt gttaacaaga agggaatgtc 480
ngtagcacca gttatcgg 498

<210> 6920
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-D8

<400> 6920
acgcgtccgt actttcacia accgggagaa gattatcgga gatcgcaaac tatggccgga 60
cgagatcggt atattccatc atcagcagtt tcaacttcat catcttcaag attattagaa 120
tctcaattaa tcgaatccga tcgaaatcga gctcgatctg taatcctcga ggatcgaatc 180
gcaatccaac accgtgaaat ccaatctctt ctcaacgaca atcaacgatt agctgtagca 240
cacatcggac tcaaagacca gctcaatgta gctaagcgtg agctcgaacg gttacttgaa 300
accgctgtta aagttaaagc ggaaggagaa gctaaagtgc gtgaggttta tcagaatgcg 360
ttgagaatgg angcggaggc tcgtgtgatt gatggacttg gagctgagct tgggtcaggt 420
taggtctgat gtacagaggt taggtagtga tagacaggag tt 462

<210> 6921
<211> 505
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-A6

<400> 6921
aactgttccg cctgccggta naggtccgaa attcncgggt cgaccnacgc gtcngcccac 60
gcgtccgccc acgcgtccgc ccacgcgtcc gccacgcgt ccgcggacgc gtgggtttga 120
gtctcttgga ttctgaacgt gggatctggg gatttgaata gttacacttt tttgtttatg 180
aaaaaacata cgatgaagtc tgggtgtgatc ataaccattg ctctgttatt atacacaagc 240
tttcttcttg tttgtctggc gaaagagtgt acagacattc ctacgaagct ctcatcgcac 300
actctccgca gcgagcttct gcaatcacag aacgcaaatt tgaantcaga ggagttctct 360
cattaccatt taactccaac tgatgactct gcttggctta ctttgttgcc aaggaagatg 420
ttganagaag agactgatga atttggcttg gactatgttg tataaaaaan tcaaggactc 480
ctaattcccc gggttaacttc tcaag 505

<210> 6922
<211> 508
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations

<223> Clone ID: LIB24-112-Q1-E1-F5

<400> 6922

aactgttcgc ctggcctacc nagtccggaa ttcccgggtc gaccacgcg tccgcggacg 60
cgtgggcatg gtttaaacta tactcagcag cctataaggt ccgagttctc aagaagtta 120
ttgcaagaac accagcaact cccaaatggg tacatgcatg ggaaccttgg gttgcagaca 180
atgccgaatg gggcaaagt tttgggaggt gatgtagaat ctagtaggga taagttatca 240
gcaaggggat ttactccaga acttcataat gttcctatga ggcttgagat gggagaatct 300
ccggttaatt atgatttctt tgggtggtaa caacaatcaa acacacagct ctctggcatg 360
ctccagcctt tgccaaggca gcagatgaca ttcaatgata tgcaactact gaagcagcaa 420
gttatggta agcaaagca tgaatatcaa atgcaacaac aacttcaaaa gcaacagcta 480
ganggccaag gcagctcaat tcnttgat 508

<210> 6923

<211> 470

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-112-Q1-E1-F7

<400> 6923

acgcgtccgc ganatggtgg ttggttgctt ggctggcgaa aaacctcaaa tgattagtgc 60
tgctgtcaag ggtgtagctc gtttgacata tgagttctcc gatctcatat ctagtgctta 120
caatttactt cttcaacat ttcttctcct ccagaggaaa aataaagaaa ttacaaaagc 180
aaatttaggt ttgttgaagg tgttggtggc taaatcaccc gttgaaggac tacacgcaaa 240
tttaaagagc atggttgaag gcttactaaa gtggccagaa ggaacaaaaa atctgttcaa 300
agcaaagggt aggcttctgt tggagatgct catcaagaaa tgtggcacgg aggctgtcaa 360
gtctgtgatg cctgaggaac atatgaaact cctgacaaac atccgaaaga tcaaggaacg 420
taaagagaaa aaatatgcag ctggctctga catcagtaaa tcgcaacant 470

<210> 6924

<211> 491

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-G2

<400> 6924

aantccgatac gacccacgcg tccggcacaa tgggtcaagg accttccggc ggattgaatc 60
ggcaaggaga tcggnacca gatggtggag agaagaagga gaagaagttc gaaccagccg 120
caccacctgc tcgtgtaggg aggaagcaac ngaagcagaa aggacctgaa gcggcggcga 180
gattgccgac ggtgactcct tctactaaat gtaagcttcg attgctgaaa ttggagcgaa 240
tcaaggacta tttgcttatg gaggaagagt tcgtagcgaa tcaggagaga ttgaaacctc 300
aggaagagaa agctgaggaa gatagatcta aagttgatga tcttcgtggt acacctatga 360
gtgttggcaa tcttgaagag cttattgatg agaatacgc cattgtttcn tcctcggttg 420
ggtcctgagt actacgttgg cattttgtcc ttcgttgata angatnaacc ttgaacctgg 480
ctgctctatt t 491

<210> 6925
<211> 520
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-G4

<400> 6925

ctggttaacc tgntccgtac ggcccgaan tcccgaatcg acccaccgct ccgcaaaaaa 60
tggcgatgta tgttatctac gangtcttct tccggctatg gtctcttcga ggttcacgga 120
ctatatgaga tcggacataa cactgangcg gttcggactt ctgtctccga cctcagtcgc 180
tttgccgtg ttgttcagct cacagcgttt catccctttg agtctgctct cgatgctctc 240
aaccaagtca acgccgtctc tgaangtggt atgactgatg agcttaaaag ttttcnggag 300
ttgaatcttc ctaagggtcaa tgagggaaag aaaccaagt tcagtttacg attggctgag 360
cctaaactcg gttcanatat atttgaagct actaaaatcc catgccagan caatgagttt 420
gttcttgagc ttctcataag tgttcgccag cattttgata ngtttatcaa nggacttaaa 480
gcctggtgat cttgaaaaat cctcagcttg gggtanctca 520

66430-436660

<210> 6926
 <211> 472
 <212> DNA
 <213> Arabidopsis thaliana

 <223> Clone ID: LIB24-112-Q1-E1-G5

 <400> 6926

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 gagtcgttga gaatcatttt catcaaagaa cagtatgaca ccaagctgca ggaacttcaa 180
 tatcaactga ccatgtccaa gaagcatggt gaggaattc tgatgaaatt acaagatgcc 240
 attgatgaga atgaagcaag gaaaaaggca gaatccagcc aattaaagag atctaaagag 300
 ctggagggaa aaatattgga actggaggct gatcgacaat ctgttatcta tgataaacgt 360
 gagaaaacca cggcttatga catgatgaag gcagagctgg attgctcatt attaagcctt 420
 gagtgctgca aagaagaaaa acaagaagct tgaagctatt ctgcaacaat gc 472

<210> 6927
 <211> 511
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H1

 <400> 6927

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 acgaggttcc aagagaactt agcttcttgt tctacgtacg acaccaaaaa ttaattcaaa 120
 aaagaaaaag aagagagttc aatgagaaaa cattctcttg atcgatggct tttaacagct 180
 gttcttgtcg ttctctctc gtcttcttcc tccttcgagg cennnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnacct ctttgatcat cgatggcaaa 300
 agagagcttc tttattctgg ctctattcat tacccgagaa gcactccgga aatgtggcca 360
 agtatcatca agagagccaa gcaaggcggg ttgaacacga ttcaagacat acgttttctg 420
 gaatgtacat gaggctcaac aaggaaagtt caacttttcg ggacgagctg atttggtgaa 480
 gttcataaag ttgattcaaa agaatggnat g 511

cctgattccc tcggagaatc atcancctcc gttgtgacct ttgctcaaaa aca 473

<210> 6930
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H5
 <400> 6930

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 gaaaccaatt gattatgaat ctgtgatttc tgaatgttca atggctctta aatctcagcc 120
 tggttttact cgtgctttgc ttagaagagc tagagctttt gaagctgttg gcaagtttga 180
 tttagctgtt caggatgtta atgttttgtt gggttctgat cctaatacata aggatgctgg 240
 tgagatttcg aagcgggttaa aaactgcttt gggtcctcac caagatttgc agagccgtcc 300
 ttcacctgca gctcttggtg cttcggctgc tttaggcggt cctattgctg gacttgggtcc 360
 ttgtttgcct tctcgtaatg ttcataaaaa gggagttact tcgctgttg ggtctgtttc 420
 gttgcctaan tgctangtaa tggttaanggt tgagaaggcc acangtgggtg a 471

<210> 6931
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-H9
 <400> 6931

acttttacgc cgnccggtaa cggtcacaaa attcccgggt cgaccacgc gtccgaatcc 60
 atccaattta gggttagggc tgcccctaatt ctggaaacct ttgcctcgtt tctgatctgt 120
 tttccggatc cgacttgaag gaaagaagac gacgacgcac taccaaaaac atgggcgcca 180
 attcgcttcc aacggatgca accctcgatc tagatgagca gatctcgag ctcatgcagt 240
 gcaagcctct ctccgagcaa caggtcagag cattatgtga gaaagctaag gagatcttaa 300
 tggatgaaag caacgttcag cctgttaaaa gccctgtgac aatctgcggt gatattcatg 360
 gacagttcca tgatcttgca naacttttcc gtattggggg aaagtgtcct gataccaact 420

atccgtttat gggagactat gtcgaacgtg gataatatcc gtgggaaact gttacncgtt 480
gggtg 485

<210> 6932
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-A3

<400> 6932

cgtaggcntg tgaaggttct naaggtcncg ggangcatca gccgacggct nngcccacgc 60
gtccggaata aattcttctc cttttctttt ttgttgcaac tagtgaaaga gaaagagacg 120
atcgcttann ttcttcttct cctacactct gcgtttttgc tctcttttta ctccgcattg 180
ctcctccgtt antatcttcg ccggcgaaaa ttgttttct ttttccctgg aggtaaattc 240
gaatcatgtc aaggcctgct ccgcttcnac ctcggtgccc gattccaaag aaactttctt 300
tgagtccagt tgcanataca ttctactctt cntcctcacc cattgaatca tacattggnc 360
aatacaagtc atctactcaa gattccaggc tcgaagatta acctgcgtgg cttgatgagt 420
tgctctgtga naaaactgat nggttgctca ctanaggagn cctccgntcc cgctcagcta 480
gcnatcag 488

<210> 6933
<211> 505
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-113-Q1-E1-A4

<400> 6933

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tctatcatca catccccaag gactacganc aagatgggtc ttgctggtcc atccaaatct 120
gccgatacta ttttcaaata catagctcct gaacaagttc ccgttaanta cggtggnctt 180
ancaaagata ctcttttgac cgaagaaacc ataacggaag ccatcgtaa accggcagca 240
aactacacta ttgaattgcc tgcttctgag gcttgcacgc tttcatggga gcttaggggt 300

ttgggtgctg atgtgagcta cggagctcat tttgagccaa ccaccgaagg aagctatgct 360
 gtgatcgtct ctaagacacg gaagattgga tcaaccgatn aaccggtgat aaccgattct 420
 tttaatgtgg gtgaaccggg aaagantgtg atcacaatcg acaaccatac ttccaagaag 480
 aagaaagtgc ctacangtca aaact 505

<210> 6934
 <211> 408
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-D11
 <400> 6934

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 tgagcttata tcagaatgct ccgaaaagta agggattata aagagaggag ctcaagaaac 120
 agtacgaaga tgttgaagat gaggaagaga ttgggtccga tgatgatctc actnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntcggaactg gttgaaatga 240
 aaaagcttga gaatttgata ttcgggtcac tctactctcc tgttacgttt ggtaaggaag 300
 aagaagaaga tggttcggct ttgtttcatg ttagaccgtt ctgctgtgaa gcagattcct 360
 gactacgaag gatgatgggg atgaatgatg aaagancttt ctgatgaa 408

<210> 6935
 <211> 493
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-D12
 <400> 6935

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 cgcaacttac taattccctc aattatctct tttctgttct tctcttatta tttgtatcgt 120
 tccactgctt atgttttcgt ttttcgttgg ttgcagcttg ttcaaactcc actgacgac 180
 aacagattca acaccatcac caccggaaat gggttggtcc ctcaggccac aaagtcatca 240
 ccgtctcact taacggccac gctcagtttc gtcctgccca agacgctgtg gattccatac 300

gatggtgatt ctggtaacag gaaattcatg aactttgtga ttcattgcat caagaataga 240
agactagaag ggggagggtta attagattat cttaagggtg ataaaatgga aaaaaagagt 300
gtaccaaatt ctgataagtt gtctctgatt agagtgttaa gaggtataat atgtctgatg 360
gtgttagttt caacagcttt tatgatgttg atattctggg gggttcttan cagctgtagt 420
gttgaggctt tcagcattcg ctatagcccg taaatgtgtt tccctctcct ttgggctccg 480
tggtcgcct tgtggc 496

<210> 6938
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-D6

<400> 6938

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tccactgctt atgttttcgt ttttcgttgg ttgcagcttg ttcaaactcc actgacgatc 180
aacagattca acaccatcac caccggaaat gggttggtcc ctcaggccac aaagtcatca 240
ccgtctcact taacggnac gctcagtttc gtcctgtcca agacgctgtg gattccatac 300
caaagaacaa taacaagagc atcacaatca agattgctcc cggattttac agagagaaag 360
tggtggttcc agctacaaaa ccgtacataa cgttcaaagg agctggtagg gatgtgaccg 420
ctatagagtg gcacgaccgt gcgtccgacc ttggcgctaa cgggtcaacag ttacgtacct 480
atcaaaccgc ttccgtcacc gtctac 506

<210> 6939
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-D8

<400> 6939

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tctctctatc tatctctcaa tctgtaagaa gaagattccc acttcagtaa aagccctaac 120
 ttacttggg aaagtcttc atcnatcatc cttcaatcgt catcatccat ggctgatcaa 180
 caaacctag attcctctac tcctcctcct agtcaatccg atgatctatc tctctccac 240
 tctacttct ctactacttc agcttcttct tcctcagatc catcactctt gaggtctcnc 300
 tccttaagtc nactcaacgc cggngctcct gagttcgttc ctggctganc tantcctccg 360
 ctgcctcanc ctccgangat gatnatcgcg cctccnccg ggtgganggt atggttcata 420
 ggtatnacc 429

<210> 6940
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-E10
 <400> 6940

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 aatccgctga gatcaaaaaa tgttttcgat tttatcatca tcttcttctt cacaactcgt 120
 caattcaact ctcaatttcc aaaattcgcc gaaatctccg atcacctgta tgtcgaagac 180
 gtctaaattc aaaaccctga cggagaattt caccgtgaga gtgcttaaag cagagaatcg 240
 cgaactgaac gtggctctgc tctcaccttt cactatcgct tcttcacggc ttgattctgt 300
 cagtaatggt gcgattccgg attgagctca acgaatggat ttgttggtt tgggganaaa 360
 ctccgatttt tgccgntcgg taacggcgga ggatcagata atggctntgg taaaagcncg 420
 ggaagcta 428

<210> 6941
 <211> 461
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-112-Q1-E1-E11
 <400> 6941

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cagtccacag ggtctccctc tccccctccg tccgcaaact aatttccctg gggcccaggc 120
acccttgtag aatccttatg cttatagcag ccagttgcct acctctcagc tgccaccaca 180
gcaaaacatc agtcgtgcaa ctgctcctca aactcctttg aacattaatc tacggccaac 240
aactgtgtct tctgcaactg ttcaatttcc cctcgtttcc caagcaagca accgctacaa 300
aagatgcaac aatcctcctt ctgagctagc tcaagctctt gtcgcagcaa aactcagagt 360
ctaacaaagc aacattccaa tcgtctcaag caaggcaant ttctcaagct gcaagcaagc 420
aaggtgcaan tctaattgcan caaaccaaaa ccaaaaattt a 461

<210> 6942
<211> 516
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-E2
<400> 6942

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tggttgaaac gtctaagtca ttaattgtcc tcgatgacat atgggaaaaa gaagattggg 120
aactaatcaa gccaatatct ccaccgacca aaggttgga agtggtgctt acttctcgaa 180
atgagagtgt cgccatgcgt agaaatacat catatatcaa ctttaaacca agaatgccta 240
accactgaag acagttggac actttttcag aggatagcac ttcctatgaa agatgcagct 300
gaatttaaga ttgatgagga aaaggaagag ttgggtaagc taatgatcaa aactgtgga 360
gggttaaccat tggccatcag agtggttagga ggtatgtag ctgaaaaata cacatcgcat 420
gattggagaa gattatctga gaatattgga tctcatctcg tgggaagaag aactaacttt 480
aatgacgaca acaacaatac atgttacaat gttatt 516

<210> 6943
<211> 459
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-E3
<400> 6943

654730"463E663

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tgggcaagtg gagcaatcct caatacaaac aaagaagaat ctgagagagc agaggaacat 120
aagctatgag gggccaagag tggcagatat atcagtgatg gccacagagt atagccccgt 180
gctgaaatgg cttagctaca gggcatctcc agatgcgttt ccgggaatgg gcgaagagac 240
agatgaggag gacagtgata tttctgaaga tgatgaaata caagactggt gacattcacc 300
atcttaagtg tcttatatgt taggtcagat agaactggta tgatagttaa caacttaaca 360
tcaagggaag gaacactaat tgttctgctt acttataaat agaaaatgga gagtcacttc 420
tctatctaac aaaaaaaaaa aaaaagggcg gccgctnct 459

<210> 6944
<211> 449
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-E6

<400> 6944

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tcccagagata ccgtagagat gagatttcat ccggggcacg aagctaataa tgtgaaggaa 120
gtatcagcca caagttggac tggcaagaga aatccaagaa ttgttattga tcttgaagaa 180
cctcctccca catgggtctc ccatagagag actacagagc atgctcaggc ttctgttagc 240
tatgttactg tgagaaatcc tgacacaaaa ccgtcgttct ttgatcggat cagctcaaac 300
attctgatgg atgtagacca atcactcggt gaggatgata gtgataagac aactagtaag 360
gagtcaagtt tactggatct taataacaca ccggttgatg agtctgtttc cgagcctcgt 420
tactctctct tacaagatct ganctgtgc 449

<210> 6945
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-112-Q1-E1-E9

<400> 6945

<400> 6951

cgctgnccg tacaagtccg gaaattcccg ggtcgaccca cgcgtccgta aatgacaact 60

gtccgcaggt gtacagattg caaataaata atgggatccc tatcaaaagt tggtagcatg 120

atccaactga tgatgggttg attactatac ttcccttctt agagactttg gctgttgctg 180

atgatgttcg gcctatcatt ggcaggagat ttggtaacaa ggaataagag tttccttctc 240

tttttttcta tatacatcga gtgcagatcc tgatttctct cctttggatt ttagttacaa 300

attggccctt aattagttcc tcatatctct ttttaggtcg ttaattaggt aaccaaagaa 360

taagctcgtt gagtctagtg agaataagtt tccttgcttg ctcccttttt ttaataagaa 420

gacctagtgt tgggcttaaa tcttatgact ttgctgggtt cttctctgcc aagatagatc 480

ctagaaaatc ttgcagtt 498

<210> 6952

<211> 505

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-111-Q1-E1-A2

<400> 6952

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cattacattt tcttccgata aatacagaga gatcagtttc tgagagagaa gaanatgtct 120

atanaggaag aaaacgttcc aacgactggt gactcaggag ctgccgatac aacggtgaan 180

tctccgnga agaaaccggn ggcgaaaggt ggtaaactta acaagacgac gacggctaaa 240

gcaaccaana agcctgtgaa agctgctgct ccaacgaana agacaacaac ttctctcac 300

cctacctatg angagatgat taaagatgag attgtaacgt tgaaggagag aactggntct 360

agtcaatacg cgattcataa attcatagan gagaaacata natcactgcc tcctactttt 420

angaagcttt tgcttggtgaa tctcaagaga cttgttgctt ctganaaatt ggtaaagtc 480

aaagcttcct ttaagattcc ttctg 505

<210> 6953

<211> 475

<212> DNA

<213> Arabidopsis thaliana

<210> 6959
 <211> 502
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-111-Q1-E1-B7
 <400> 6959

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 gctcaatatc tgtaatacat ctccgatatt aacgacaata gctcccggaa ttggagggac 120
 atgaatccat ttgtctccat cctcagtggc tcgggcgtaa agactgctta atacaccatc 180
 ttctttagg aggagagtga gagtggtgat gtctgagtgg cgaccagttc ctatggccag 240
 gcttggtca ggacatttcg gatagtagtt gaagttcatt ctcatgttc ccattagggt 300
 ttctttattg gactcatcga tgattgtgtt tagattgttg atgaacagaa ggccacgtgg 360
 cagcgaagtc atgtcgttga ggaagatact caaacttgag gaaatctctc cattccaaaa 420
 cactttctat gcaaggattg aaacttgagg tcaaccacgc cgtctccgac actgaactcc 480
 ctctccaata ccttcttctc tc 502

<210> 6960
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-111-Q1-E1-B8
 <400> 6960

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 ctctccgtca cttctccgt caagcccgt gagaacccan gtcttggtct tgcaaagctc 180
 aagcgttggg aacgaaaaga atgcacacca aacagtcttc cgattctcca canaatgcat 240
 gtcaagtttg gagatacagt caaagtaata tctggacgag acaagggtaa aatcgatag 300
 gttactaana ttttcantca caacagtacc attgtgatca nagatgtgaa cctcaaaaca 360
 tnnacatga agagccgana agaggagag cctgggtcaa attgtcaaga tagaagcacc 420
 tatcnacagc tcaaagtga tgttgtantc aaaataa 457

<210> 6961
 <211> 533
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-H4

<400> 6961

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 actaagaaag aaagaacaaa aaantgctca aaacaagttt tcttctctc caaatccctt 120
 tctcccttct tccctccttc aaatgttagt tatcggtcgg gaggaagaa cattcggcgg 180
 gcggtttctc aagcgggagg gagaatccat ttactccaaa aagcatctct aagttcgtta 240
 ctggaacaaa gagaattcgt gggccaatct cccaagatcg ggaggttttt aatctcaaaa 300
 gttcaccac tcaaacgccg gttagactca agcaactttc tcaaaaactc gccggccgcg 360
 naactcgctg ccgactccgt tttccccgaa tttccggctc cgccgcgaaa tctcttccgg 420
 tttttcccg attttaggaa gccaagttct cgaggaaaac acgaacgaac gaacgttta 480
 aattccccg tttaatgacc aagaaggaac nttcaactaa actaangga aat 533

<210> 6962
 <211> 483
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-F3

<400> 6962

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 ccggcctgag ggatgacata agggattatg tgagaatctt ggtgattggt gcgggtgggt 120
 tgggttgta gcttctcaag gatttagctc tttctggtt tcgtaatctc gaagtgattg 180
 atatggaccg tattgaggtt actaatctca atcgccagtt cctgttcagg attgaagatg 240
 taggaaagcc taaggcagag gtagcagcaa agcgtgtaat ggagagagtg agtggagtag 300
 agattgtgcc gcatttttca cgtatagaag acaaagagat tgagttttat aacgatttta 360
 atatcattgc tcttggtctt gattctatcg aagctcgcaa atacatcaat ggggtagctt 420

gtgggtttct tgagtataat gaagatgata ctccgaaaag agaaacgatn aagccaatgg 480
gta 483

<210> 6963
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-F4

<400> 6963

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tatgagcgaa gaactaagtc aaaagccatc atcagctcag tctctgtcac tgagagaggg 120
cagaaatagg tttcctttt⁴ tgtccctgtc acagagagag ggcagatttt ttccttctct 180
atctctttca gagagagatg gaagaaagtt ttcttttctc agtatgttct cttttctcat 240
gccactgttg gaggttatta agattattat tgcttctgtg gcctccgtaa tcttcgtcgg 300
tttcgcctgt gtaaccctcg ctggttctgc cgcagcatta gtcgtaagca ccccggtttt 360
catcatattt agtctgttc tegtaccagc tacgatagcc acggttgtct tggcgacagg 420
attcacggcc ggtggctctt ttggancgac aagcacttgg tcccatcaat gtggcttggt 480
aaacgtan 488

<210> 6964
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-F6

<400> 6964

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tgccatgaac gggaagaagc atgagactcc ctcccgggtt tcggttcgat cccgatgatg 120
aagatcttgt gttcgagtat ctgcceaaga aggtcctcca ccgtccaatg gacttcgatc 180
tccttgagct ccgttcttgc aatgttgatc catgggactt gctaggagag aagaacaagg 240
aagtgtatta cttcgtgaag aaggaagagc gagagaggaa gggaagagag acgttatccg 300

gttattggga agagtgtgaa gaagaggaag taatggaggc tgggtggtcgt gattgtattc 360
 atttagaagg aaggagaaag acatttgctt tctttatttg aaaaaaacct cgagggacaa 420
 taactccatg ggatcatgta cgagttccga cttctttcct ctagagct 468

<210> 6965
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-F8
 <400> 6965

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 cctttgcgtg gccacggcga ccgtcatgat ggtccaagcg gaggaccctt acttcacca 180
 cgtgtggaac gtgacgtacg gaaccgcac tcctctcggc gttccacaac aagtcacct 240
 catcaacggt caattccctg gtcctaacat caactcgact tctaacaaca acgtcatcgt 300
 taatgtcttc aacaacctcg acgagccttt cctcatcacc tgggccggga atccagcaca 360
 ggaagaactg ctgggcaaga tggaacagct ggaacaatgt gtccgattcc tccgggggtca 420
 gaa 423

<210> 6966
 <211> 433
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-G1
 <400> 6966

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 catatgggat tttcctctgc atcgattgtt cagctactca ccggaatctt ggtgttcata 120
 tcagcttcgt cagatcaacg aatttagact cttggagccc ggagcagctc aggacaatga 180
 tgtttggtgg taacaaccgt gctcaggttt tcttcaagca acatggatgg actgatgggtg 240
 gcaaaattga agctaagtat acttcaagag ctgctgattt gtatcggcag attcttgcta 300

aagaagagtt caaatcttag caaaatctgg agccgaccta atagcattcg agactattcc 300
 aaataagctc gaagcagagg cttatgcgga tcttcttgag gaggaagata tcgatattcc 360
 ggcattggtc tcgttcactt ccaaggacgg gagtcagtgt gccacgaaga gantcagttg 420
 tagaat 426

<210> 6969
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-G7
 <400> 6969

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 gtttctggag ctaagttcga tgagctttat cggatcaagct gggctatgga tcattgtgtc 180
 aacgaaggcg aagtcacaaa actcaagctt gacaattact ctggagctgg gtttgaatca 240
 agaagcaaact acttgtttgg taaagtctct atccagatta agcttgttga gggatgattca 300
 gcaggaacag tcaactgcttt ctacatgtct tcagatggtc cgaaccacaa cgaattcgat 360
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 aacg 424

<210> 6970
 <211> 454
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-G9
 <400> 6970

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 aatgagtatg cctgttctag taccgatata cactttactc gtgccaattt ccctaaaggt 180
 ttcatTTTTg gtaccgcaac tgctgctttt caggttgaag gagctgtaaa tgaaggatgt 240
 agaggtccaa gcatgtggga cgtatacacc aagaaattcc cacataaatg taattatcac 300

aatgccgacg ttgctgtcga tttctacat cgttacaagg aagatatcaa gttgatgaaa 360
aatctgaaca ctgatggctt tagattttcc attgcatggc ccagaatatt ccccatggt 420
aagatggaga aaggaatan gcaaagcaag tggt 454

<210> 6971
<211> 407
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-H1
<400> 6971

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tgccattct ttgtcgtcgt ttttcgattt tccttgattc gccggagaaa tagcgtttcc 180
ggcaatgaaa acctctctcc gacggttacg aggtgtgctt cacaagcatg aatctaaaga 240
ccggagagat cttcgagctc tggttcagaa agatgagctt gcccaagctt ctcaggacgt 300
agaagacatg agagattgct atgatagctt gctcaatgcc gctgctgcta ctgccaatag 360
tgcttaagaa attttccgaa tctttgcgaa aactaagtgc ntgtctc 407

<210> 6972
<211> 494
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-H11
<400> 6972

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gcatcttcaa gctaagtatg ttggtacagg tcatgcagat ttgagcagat ttgaatggac 180
tgtgaacatt cagcgtgata gttangcttc atacattggt cactaccga tgctttctta 240
ctttgcaata gctgagaacg aatctattgg gcgagaacgt tacaacttca tgcagaaaat 300
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gaagcgggct ccaacgggtca aagatggaac tcctaagccg caattnnnnn nnnnnnnnnn 300
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 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnctatgcg tatatttgct 420
 ggagattcag ctgatggaga gaaatttgct gagaaaatng ganctgaaat tgattgaaaa 480
 cncttgcggg a 491

<210> 6975
 <211> 490
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-F2

<400> 6975
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 ctactttatt ttgggtaatg ttcangcgaa aaagtcgttc tattttctct aggcgccatc 180
 naagtcgacg tggtactcct aagagacggt ctccaacccc aaaacgttac aaaagacaaa 240
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 ccaaaaatag gaatggagaa aaacttaaaa gagaagagga agaacgaaaa aagcgacagc 360
 gtnaagcaga actgaagcta atanaggaag aaactgtgaa acggggttgaa gaagctattc 420
 gaaagaaagg tcgaanaaaa gcttacagtc tgagaaaatc aaaatgggaa antccaaccc 480
 cggttggagg 490

<210> 6976
 <211> 488
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-C7

<400> 6976
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 aacacgcgtc cgcccacgcy tccggcagaa tcaaggagtt catattcaag agactcttct 120

gctaactcca ggggtagaga agataggcgt tttgttgcca aagagttaga tacatttcag 180
 ggacgtgata aagccttatga tgagggtttat aatcctcgaa ggttcactga taatgagaaa 240
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<210> 6977
 <211> 498
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-D10
 <400> 6977

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 attggatttt gcgagtagct taaagaaggc ttcagcatta cagtcgatca gggttgatgg 180
 ttgttctgtt acgcctgatg gtttgaaggc gataggcaca ttgtgcaatt ccctgaaaga 240
 ggtagccta agcaaagcg tgagcgtaac tgatgaaggc ctttcttctc tagtaatgaa 300
 actgaaagac ctcagaaaac ttgacatcac atgttgccgg aaactaagta gagtttcaat 360
 caccctaaatc gccaatcgt gtcctttact aagtctcttt gaagatggag tcttgttctc 420
 ttgtttccag agaagccttt tggttgatcg gacaaaagtg tcgggctact tgaagaactt 480
 gacttaactg acaacgaa 498

<210> 6978
 <211> 429
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-D5
 <400> 6978

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 atggaggtct actgggtgtc gcatattcca agcatattgt gcatatatat tcatatcatg 180
 gtggcgagga tttacggaat catctagaga ttgatgccca tgctggtaat gtcaacgatc 240
 ttgctttctc ccaaccaaac cagcaattat gtgttgtgac ttgtggagaa gacaagacaa 300
 tcaaggctctg ggatgctggt accggaaata aattgcacac ttttgaaggc catgaggcac 360
 ctgtttattc cgtgtgccca caccaagaaa gagaatattc aagttcataa tcccaactgc 420
 ctgttgaat 429

<210> 6979
 <211> 422
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-110-Q1-E1-D6
 <400> 6979

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 tgaatgtctg cgaaagtgag tttccctgca aacattctta tgttgataaa gctactgact 180
 cgctttgttc atgtgatgac aaacttcttt aactaatact atgcatgtcc tcatgggttc 240
 tgttgcgct gctaattttc tttctttctt tattctagtc ctggctagtt tatattgatc 300
 taccgggtta atattgcttt gctcatgtga ctgtgttctc atgacatttt ttcgtacctt 360
 aagttgttgt tagatagtc cattcaaaaa tgaatttgat aagatatgtc tccttctatg 420
 ca 422

<210> 6980
 <211> 429
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
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 <400> 6980

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6981-46666

cagaatggga ggctgaaaat acgtccttgg ctcaggatca agaacaacta ttcgaatctg 120
gtgaagagac atgtttcccc gccatacgtg ttggattgca gaagacttcg tctgtgtcat 180
tctggatcga caaccaaact ggtcataagc cgttgggaaga ttttgttcta gtggaaagta 240
gcaccactcc tctttatgac cgtaaatttg ctataggttt aaattcagca gatgggtcaa 300
gaaacgtgga agggggattg gagattattg atgatgatcc tccacgttgc ttcaattgtg 360
gtggctataa gtcattctct aaagagaatg tccaagggcc tttggatcga tnagcggtta 420
aaaagtgcc 429

<210> 6981
<211> 481
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 6981

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acgaagccac cattggggagg taacaacaat cctnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnngcagca atgtctagat tcccgtcgaa catcgacgtg 240
catctccggc caccgggggtt gattcagaac cgaccatta atcctccgcc tcagcagaat 300
cctacccta accctaattt gggannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnatt 420
gatgaggcca ttgaatcaca tcgagcttca atgcgcttat caaggacgct tggcgttggt 480
t 481

<210> 6982
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-E1

<400> 6982

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tcttgattcg ttttctcgcg tatagagaga aaaatggcgc ttaatttatc gcatcagcta 120
ggagtactcg ccggaactcc gatcaaatcc ggtgaaatga cagattcatc gttgttatca 180
atttcaccac catcggcgag aatgatgaca cctaaagcaa tgaatcgaag ctacaaggct 240
cacggaacag atccatcacc gccgatgagt ccaattttag gtgcgacacg tgcggatctg 300
tcggtggcgt gtaaagcttt cgcggtggag aatggaatcg ggaccattga agaacagaga 360
acgtatagag aangagggat tgggtggaag aaaagaaagg aggangangt gttcccgtgt 420
ttgtgaagat gcc 433

<210> 6983
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-E12

<400> 6983

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gnaaaagaaa atgagtggaa gcagaaggaa ggcgacgccg gcgagtagga cgcgagtagg 180
gaattacgag atgggacgaa ctctcggaag aggaagcttc gctaagggtga aatacgccaa 240
gaacaccgtc accggagatc aagccgctat caaaatcctc gaccgagaaa aggtcttccg 300
tcacaaaatg gtcgaacagc ttaaaagaga aatatctaca atgaaactga ttaaacaatcc 360
aaatgtggtt gaaatcattg aggttatggc gagcaaaacg aagatctata tcgttcttga 420
gcttgtcaat ggaggtgaac tcttttgtaa aatcnccgca acaaagggaa gcttttagng 480

<210> 6984
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-110-Q1-E1-E3

<400> 6984

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 aggacaagac cattgttggtc acggtgaacg gagagattta taaccatgag gagctgagaa 180
 aacgtctgaa gaatcacaag ttccgtactg gtagtgattg tgaagtcatt gctcacttgt 240
 acgaggagta tgggtgtggat tttgttgata tgttgatgg aatattctcc tttgtgttgc 300
 tcgacacacg agataactct ttcattggtg ctcgtgatgc gattggtgtc acttcgctct 360
 acattggttg gggactagac ggatctgtgt ggatatcttc agagatgaaa ggcctaaacg 420
 atgactgtga gcatttcgaa acgtttcctc ca 452

<210> 6989
 <211> 431
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-F10

<400> 6989
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 acgcgaatcc acaaatccga gaaccagaag ctnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnntgacacc gagtcgaaat 180
 ctcaaacgcy cgaaagcgga tccagtgtag acagaatcaa ggcggaatcg ctattccgtc 240
 ggatgcygagc tgctcctgtg ccggtgcgtg ttcacgacgt gattatcggt ggaaacgaag 300
 aagactaagg accatatcat tgaagcggaa gtggatgctg tgagagaggc gaccacgttg 360
 ccaattcgaa tctccgtgcy ttagatatct ttgattccgt caacattacg cttgantctg 420
 gtccccccga a 431

<210> 6990
 <211> 481
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-110-Q1-E1-C5
 <400> 6990

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 ccctctttat ctcggccgtg ttagtgagct cagtctccgc ggctacaatg gagtctccag 180
 caccatcacc aggtgcttcc tctgcctcca ccgtagcttt tccggtggtt ggctccattg 240
 ttgctgcatc actctccgcc ttcttggtc ttctcttgca gtagaaagac aagagtcctc 300
 aaaatatgag aaggagatat ataacaaaac tctttttttg ttctgatttt gttccttaga 360
 atctatgatg acaaataacc cattttgatg tataatctca ttgtgtaagt tattacacta 420
 atatatatga agtatatgat aataataaca ctattttatc aagatctaaa anaaaaaaaa 480
 a 481

<210> 6991
 <211> 414
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-E8

<400> 6991
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 tcatgctagt ctcatccaaa caagccccaa gtcctgggt catgagggtc tcaacatcac 120
 attagcctcg gctaaagtaa cttcagcaat gatgggtcgt ctctcgaata atcgggtcaa 180
 gcctaaagaa ntctcggcca tganagactg cgtnaggag ttaggtgaca cgttggagga 240
 gcttaggaaa tcgattggtg agatgtgtca gctaanttgg ntcnactat gaagnttaca 300
 tnnccgatan agagacttgg gtcagtgcgg ctttgacana tgtgaacaca tgtactgacg 360
 ggatttnaag gagaagatat gggncgggga angttaaggt tttgggtana aggg 414

<210> 6992
 <211> 409
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-F11

<400> 6992

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 atggttgtag gtggtgctcc tgctatagct attgctgctg ctctttcttt ggctgttgaa 300
 gttttcanct ttcattggtt tgatggatna gcttcagatg ctgttgcttt tcntgagaac 360
 aagttggatt atttagtgct aagccgtcca acagcagtta atcttgacaga tgctgctttg 420
 aaacttaaac atgttatagc aaaggccttg gnt 453

<210> 6995
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-G7
 <400> 6995

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 gagttcatgt tgctcctaag atagctgcag aggagactga tgaggaattt gaagtcaaag 180
 aatgcacaga ggagaagtct ctttctgaga atgcacaaaa tgttggatct gctgagagag 240
 ttggagctca naaatcacct aaaacccgta atggaaatgc taaagtttca nngcagcagg 300
 atgctcctcn tctcgcggtg aggaagccat tgcaaccga naacaagaan catattgang 360
 accangataa ttgctccatt gcttcntccg gttgcaactt ccatgaggat gggntaagtc 420
 ctgg 424

<210> 6996
 <211> 425
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-H1
 <400> 6996

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 ataatttttt ccccgagaga gaaaatnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

6995-424-6996

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntctctct accatcctgg tctccttgcc 180
 ccgccacaga tagaaccaat cccaagtgga aatctccccc ctggttttga tccaagtact 240
 tgccgcagtg tgtacgttgg aaacatccat attcaggtga cggaacctct gttcaagag 300
 gtttttgctg gcaactggtcc tgtagaaagc tgtaaactaa ttaggaaaga aaagtcttct 360
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 atggg 425

<210> 6997
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-H10

<400> 6997
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 tcgcagaaaa atgcgcaccc agagcttggt gagtgggtaca attcgctcgc agatctgtac 180
 cagaagaagc tctggcatca gctcactctt aagctcgagc agttcatcgc tctctctgtc 240
 tttcaggctg gagatgcttt aatacagctt tacaacaatt tcatcacnga ctttganacg 300
 aggatcaatc ttctgaagct tgcgcatttc gctggttag tcncccgaca gtatcctgaa 360
 gaaagaagct gcagttagtt atcttgaagg agtgattgag aagcttaaag ctactaaaga 420
 gtcaaggata aatgaaccaa ntagctata 449

<210> 6998
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-H11

<400> 6998
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gcatgttgaa gatgataagg aattcaagga gaaacctttg gttcagggtc ggagcgacga 120
cgacagtga gtgaaggaag ccaaagacgg aggaggtgaa gaagttaccg gcggcnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnggaca gagtacctag tgaggccggt tgggtgaggtt gaagatgagg atgatgcaag 360
tgattttgac cctgaggaga atggccttga tgaaagaaga agtgatgaag agattgaaag 420
aagatgatgt tgatgag 437

<210> 7001
<211> 425
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-H8
<400> 7001

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tcttcattgt catgccttag caacagagat ttatcgtctc cttataattg ctggtggcga 180
ctatccagag gcaaaatddd gacttctctc agtaactcac ggaaatttgc tgtgggaaag 240
gaagcagaag atgggtttct atcgaatgtg agcgaagata ctgatgagat gttcgacgac 300
ttgttcaaca natatgggaa ggttggtttt anaagcactg atgttaagtc tccaacagct 360
gaggttgacg atgatgcaga gagtttagca tttgctgttg aaattggcta aaanttgcga 420
gtgat 425

<210> 7002
<211> 518
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-109-Q1-E1-A8
<400> 7002

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atatttcagt atttnannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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 nnnnnnnnnn nnnnnnnnnn nnatggcctt gaaatcggtc anncagttgt tattgccgct 360
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 gctcatgcct 430

<210> 7005
 <211> 425
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-E3
 <400> 7005

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 tgtaagaaa tcacagaaag tatacatgga agcttacact tctcttttgt cctttggtct 180
 ctctgctgat ggactttcca atcttgaaaa gttctatggg aaaccaatta tacttgctga 240
 tagaggaaat ggtggaagaa aangcnggtg atatnantga tgaagccatt gataatgatg 300
 tcgcctttct cgntgttggt gatcctttcg ggagctanaa cgcatangtg atcttggtgt 360
 tcgangccaa ngacactccg ggtgtaaaaa gttnagagga nttgcacaaa ttgcatcngg 420
 tgaat 425

<210> 7006
 <211> 471
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-G3
 <400> 7006

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 aaccgcaccg tgggcgctctt cgtcttcttc atcctcgaca ttgttgattt ccngctttgc 180
 ttacctata agactcttga tttcttcttc gagtccgagt ggnaaccctg ctactgctgt 240
 ccgcccggcg aggccaancc aatctcggct ggangaaca caggcggtaa gatgatagtg 300
 tctgcaanga tcaggagact actctaaggt ggtctcactc acaaggacaa agatctanct 360
 ggatnagatc tccganaaac ttnacnctcg cccttcactc cncaccaagc tcactaaagc 420
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<210> 7007
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-G7
 <400> 7007

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 cctgtggagc ttctcatgaa gatttttaaac cttgttgatg atcggactgt gatcattgct 180
 tcttgatatt gtagtggctg gagagatgct gtttcccttg gcctcactcg cctctccctc 240
 tcttggtgca agaagaatat gaacagtttg gttctatctc ttgctccaa attcgtaaag 300
 cttcagactt tagtactgcg acaggacaaa ccgcagcttg aggacaacgc ggtggaagcc 360
 atagcanatc actgtcatga gctacaanat tttggactta agcaaaagct cgaaaaatc 419

<210> 7008
 <211> 391
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-H12
 <400> 7008

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tatgttgaag tagtcccaca aatggagaaa gagagacgtt tggagcaa at ccttaggtca 180
caagaacgag gttcaaaaagt tataatattt tgctccacga agaggctttg tgaccatctt 240
gcacgtagtg tcggacgtca ttttggcgct gttgtgatcc atggagacaa gactcaaggt 300
gagangagat tgggtgctta accaagttcc gaagcgggaa gtcttgtgta ctgatagcta 360
ctgacgttgc tgcccgggga ctccacataa a 391

<210> 7009
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-107-Q1-E1-H2

<400> 7009
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tggtcacatt ccatgggcat gcgaggcatt ctcaagattg cacggacca tcatggttcg 180
aacaccgcac ttgatttggg gctggagagt gtttatgggtg aaactgtgga accacggtct 240
tcttgatgcc cgaaccatga acaactgtaa tacctttctc gaacagctcc aaatttgaaa 300
acccaagaaa tcattaattt aagtagaaaa acaaagaaag acaagagaag aagagttttg 360
ggttctcatt taactacttt tgggtgtttta agagaaagag gagcatattt atgcatgaat 420
ttgtcctcat cttttttttt ttttttttta agtataaatg gtgnaca 467

<210> 7010
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-107-Q1-E1-H3

<400> 7010
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cgatcccggt tctcttctgt gtcattctcg aaacctttct ccgtcagctt tgctcagacg 180

acgagaacaa ggactcgtgt attatccatg tcgaagaaag atggtcgcac tgataaagat 240
 gatgacactg atagtctcaa ttacaaagat tctggtgttg atatcgatgc tgggtgctgag 300
 cttgttaaac gaatcgcaaa gatggctcct ggaattggtg gatttggtgg tctctttcca 360
 ttaggtgata gttatcttgt agctggtacg gatggtgtag ggactaaatt gaaattggc 419

<210> 7011
 <211> 449
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-H5
 <400> 7011

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 gagaagagga gaaatcgaga tgggtggtgg tgcagagcca caagagctcc aaacattctc 180
 aatggcttca atcaacactc gctgagattg atgcaaagac aaaggcaatg ttgaagtgtg 240
 tagacggaaa cgcanactct ttcgctcagc gtgctgagac ttactacaag aaacgtcctg 300
 agcttatcag ctttgtcgaa nacttttata gagctcaccg ttccttatgc cgtgaacttc 360
 gaccacctca agtcttccga ccactatgga tctcgctccg ctaagggtcc ncaacaantc 420
 catggagtcc gtttgtgaca gcaantctc 449

<210> 7012
 <211> 445
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-A5
 <400> 7012

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 gtattgctgt ttcactaact acgatacggg gcgggtgatg agtatgaaca ttttggattg 180
 ctcacattac acgacggtga ttgacaatgg aaaaatgaga ggagtggggc ctttggattg 240

gtcctatgga atcgagcttt cgtactcggg aacggagatt ggctgtgacc gttgccgaaa 300
 gtcaggtggc acttgtggct ttgacgccga agacggagat ctttctttgc cagtgttccg 360
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<210> 7013
 <211> 440
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-C12
 <400> 7013

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 tccgccggaa gcgaaaccat ccgctcagct cggctctctga tatccgctcg acacgcagga 120
 gaaagactcc tgagaagctg ggggtggggga acgggctggg cagtgggaaga cgctaaagac 180
 aagatctgga aacttctaga agaatacgaa gtangaggag taatatcana ggcttgctga 240
 tgcatacgcn atctaggaat gccgtttttt aaccacgagg tggttaanaa ngctttggta 300
 atgggaatgg gnaagaagaa cgatcggatg cttaatctct tgcaggantg ttttgctgaa 360
 gggatcatta ctactanccn aatgacaaaa nggtttgngt cgagtcaaag atantcntna 420
 tgacttatcc ttggntaatc 440

<210> 7014
 <211> 398
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-108-Q1-E1-C4
 <400> 7014

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 canattccga tgagtaaaat gagctgttgc tctcgggtgtt tgcangagtt atgaaaacga 180
 cgtanctaag gtggaaaaag atttaaccgg agataaccgg tcggttttgc cacagtggnt 240

tcaaagtaat gtagtggttt cnaggaatgc ntccnantca ngtaatgttg tggttttggg 420
gaaaaagaca anttggcaga 440

<210> 7017
<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-D12

<400> 7017

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tcatactcct cagagtcggt tgcctcggac aaaggatatg attgtaaattg gaattactgt 120
caagatcaaa tactgtgaca catgcatgct ttacanaccg ccccgctgctt ctcatgttgc 180
gatttgcaac aactgcgctn agaagtttga tcaccactgt ccttggcttg gtcagtgcac 240
tggattgaga aactataggt tctacttcat gtttgtgttg tgctcaactc ttctctgcat 300
ttatgtccat gtgttctgct ggatntacgt caagcggata atggatagtg nagaacataa 360
acatcntgga aatcgtttct cnaagactcc t 391

<210> 7018
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-E11

<400> 7018

cgcttgcccg tancggtcca aaaattcacg ggtcnaccca cgcgtccgaa aacataagag 60
agtctaaaca ctgtggtaga aaaaaatata gactttttaga tatgtgtagt aaaataacat 120
tagtggttaac tttattttcc agttatttca tatcaacaga tgctgtgaat ggatcatttc 180
ctgcgctttt ggctttttgga gattcaattc tcgatactgg caacaacaat tttctcctga 240
cttttatgaa aggaaatata tggccatatg gaaggagttt cagcatgaga agggngacag 300
gaagatttgg aaatggaaga gttttctctg anatangttg ctgaaggttt agggatcaan 360
aagattttac caagcttata gtaagttgtt caantcgcca agtgancnta gaaactgggt 420

gtttgcntcg catc

434

<210> 7019
<211> 464
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-108-Q1-E1-E12

<400> 7019

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aatgcgggga ttgccctccc tgcgttggaac ccgtttaccc gaccgcgggtc gatactcacg 120
ccgccaccgg gaaactctcc tctgacaatt aatttattat gggttgcttc aactccaagc 180
attcttctcc ggcgggtcct ccacgccttg tccgccgtcg cttggacacc aacgtccacc 240
gaagtcatac ccaagatccc cataaccgcc atgttcttcc cggtcaccca tctcaccgcc 300
gtgtcgtcaa ctcatctccg aaaaaacatc gcaacaatga cgacgatgct ccaaaatcga 360
ggacgactgg tgttagccta agatcgggat tgccgcacag caatgtanag gctgagcang 420
tggcggctgg ttggcctcct ggctcagctc tgccggctcc cgna 464

<210> 7020
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-107-Q1-E1-G11

<400> 7020

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atcagagaag atacagatca agaataatttc tgcaggtaca tcccccttaa tcggctaaat 180
gaatccattc gcattaagga aaagttggaa ccaggatggt ctgtttcttc tctgtcaacg 240
ggaaaaggag ttgaaagagc taatagtagt cttatccgat gcaagctagg ctcaactgaa 300
gcagttgtga angatgcgca cattagaggt ttctggagct tccttaagat gacattagga 360
cttttgagta tacatgctta ggacaantac gggattttag gagccttga 409

<210> 7021
 <211> 424
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-B12

 <400> 7021

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caccggatct acgtcggctg cgtcatcagc cggatttctg cttccttctc aaccactctg  180
ccatttcncc ttctccagat gtccttcgga ggctgggatg tgttcagtcg ctgttaccgn  240
tgcacagcac ggtggcgng gcgaggctga cgtcatgtct aagnacaant tcaaggagta  300
ggcgaggctc tctctcaagg gtanactctg ctgcactctc cncgatntct aaggcngttt  360
ctcnnnacgt ttcttngag gttcacattt ttgcttnenn ccaagttggc atttaactct  420
ccct                                                    424
  
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<210> 7022
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-B4

 <400> 7022

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cgttcttctg attttcacca gctcagatct ccgacaacat tcnggtatca tttctcgctt  120
ttttttcctc caaatcctta tccgccagat tacgaaaatg aggagcttga tccgagagag  180
gcatagttaa agcttatctg tgaattctta ggatttgaat ctgaatactc aggctttttg  240
attccttctc cgttacatgc ngattcaatt ttgagctccc ctgctantgt aaatctcctc  300
agctcggaaa cttaggggtn agtttggggg cttttgctct tcggtgcggg aagccatgtt  360
taagaaaatc atgaaangtg ggcacngaa agccctctaa atcccgaagc taaggaacn  420
gtc                                                    423
  
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<223> unsure at all n locations
<223> Clone ID: LIB24-107-Q1-E1-C9

<400> 7027

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tactgttcaa aggtgaccaa gccgatcaaa tctacatgga agtcgagcta agacgggttaa 120
cttggttaga acaacatcta gcagaagtag gaaacgcaac tccagctcga aactgcgatg 180
aatctgtggt ttctctatca tcaagtataa aagcattgag aagagagcga gagtttttgg 240
cgaaaagggt taactcgaga ttgacgcctg aggagagaga ggagctgtat atgaaatggg 300
atgtgccatt ggaagggaaa cagangaaac ttcaagttcg tgaacaagct acgggactga 360
tccttatgat tcaangcacg tgcncgatag tggcag 396

<210> 7028
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-107-Q1-E1-D7

<400> 7028

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gggagcttcc aantatttat anttcctaatt ttatgcttta atgatatgat taaaatgtac 120
gatttaattt tactatgacc actgtaatct agccactatt taaatttggn atatatagta 180
actatcttgt ggataataat attttgantg gtttaggcan ggcgagtttt ggagagcacg 240
agtgggtactt cnttantcct cgggatcgga agtatccaaa tgggggttagg ccaaaccggg 300
cancaacttc cggttatttg aaaagcaang ggaaccgata aaccgatatt tacgtgcaat 360
agtcacaang ttggtgtcaa gaaaagcgct tgtnttttaa nggtggaaag cctccgnaaa 420
gg 422

<210> 7029
<211> 381
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-107-Q1-E1-D9

<400> 7029

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agtgcacttg cgctccacct ctgagaaacc tgaaaggaca ttgttgctat ctatctgtgc 120
tgaaggagct acaaagggtt tcagtgttgt anattcaggt tatcacgcca taaaagatat 180
aaaggaaaca ttgactcca gattccagtg agaagggaaa nanaagctt caaactgaca 240
ntatcatccg ttanacanaa acgttcttgc ttgtcgtgcc angcattgnt ananctttgg 300
tnaattctca nncanaggaa ttggtttatg cttgtgcac aaatgttgtg ttacatttca 360
gtcagagtgt agattaccag a 381

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<210> 7030

<211> 472

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-107-Q1-E1-E4

<400> 7030

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ccgtagccgt caacgcacct ttcatttcgg gaatggcgaa caagattgca atgtttctct 120
cggaagcaat gaacaacaat gctgtgataa acacgtgtct aggagtatcg tttgtgggtt 180
tggtgattgag atctgataaa cagcagaagt atgttgaggc cttagcagag cagaaggagt 240
cactcttcaa gtctaataag gcaatgaaac tcaccatgtg ggagtggaaa cagcagctct 300
ttgtgaagc tgcctctgcg ggtaatgccg cggttgttcc tttgtcgacn cttaggcca 360
tctatggtga agttaccacc acaaccaatc aatctggtga cacagccaag gaagattcta 420
aagtgtccac tccaagatc atgatatgaa gaggttggtta aattttttgg ta 472

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<210> 7031

<211> 418

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-107-Q1-E1-E8

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 acgaaaaaga aaacaggtag aggttcactc cttatcatct ggaagcgagt cagccggtga 120
 cattgaaggt gaagaggatg ttcagagtac atggaaagag gacggaaatg cgccaagctc 180
 gggtagatct gatgaatgtg atgattatgg aggtgctcta aaaatcactc aggaaggtga 240
 tgtgatgcaa gaagaaagtg actttgatca ctgttcttca nattgtacan anatganaga 300
 atcaatgatg agagagatan agaaccttga actgaagctt caattgtatg gaggacatgg 360
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<210> 7034
 <211> 419
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-F7
 <400> 7034

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 tcgaagtagt ggtggtcctt cattacctct cctcactatt tctaaagcac ttaaccgcca 180
 ctttaccggc gccagacacc tccatccttt attgctcgtc cgctgttctc cctccgtgcy 240
 acgtcttggt gggtttcatg gcagtcgatt tacttcgtcg aattcagctt tgagaagctt 300
 gggagctgct gttttgccgg taatccgaca ccgtttagag tgtttgctga gctcatcgcc 360
 gtctttcagg agtatctcan ggtggcggcg gttctgggat ttgggggggt ataatggtn 419

<210> 7035
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-G1
 <400> 7035

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aggttataacc gagaattgtc tctatgtgtg cttacgtttc tctcatactg gccgtagcca 180
 tcgctgggtc atgcttcgtg agaagaacaa gtcaagtggg tatgttttgg caccaatccc 240
 aatttcccat tctccttctt tgcacgcgtc gagtatcgtg gcggttggtt ctaaaatcta 300
 caaaattggc ggagtcatgg atggatctag tgtttcaatc ctagactgct ggtctcacag 360
 gtggctcgaa gctccaagca tgcanatgga acgggaccgc ccatcagcca atttaattga 420
 a 421

<210> 7036
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-107-Q1-E1-A7

<400> 7036

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 ctcacactat gtgttaaacc angcaaagga tggatgttcc actggcggtg caagattatg 180
 ttcctctgaa gaccttgctg tatatgtaca agctttgaaa gattgtatac caagaattcc 240
 tccaaacact ctttctaaga cacatggnat gattgagatg ccaaataccta ctccagaatt 300
 cttgattttt gaagcatttg tcgaaaccga tgaaatcata gtttcatcca aagccaagca 360
 gcaggctctc ttggaaangt acgacgcggt gggtagaaga tgactgtggg tgtaagtggg 420
 aaagcgtggg gtcaaat 437

<210> 7037
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-E5

<400> 7037

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 ggaattgggtg aagagatatt ctgaattcat taacttcctt atctccctct gggctancaa 120

agaggttgaa accgaggtcc canttgagga agatgaatca gctgatgagg aaactganac 180
cacctctacc gaggaagaaa aggaagaaga tgctgangag gaagatggtg agaanaagca 240
gaagaccaag aangtgaaaag aaacanttta tgaatgggaa gttctgaatg atgttaaggc 300
tatanggctg anaagtccaa aggaggtgac agaggaagag tacactagat tctancantc 360
tctctcaaag gattttaccn acgagaancc aatgggcttg gagtcacttt antgc 415

<210> 7038
<211> 393
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-E6
<400> 7038

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agtcaacaag tagcgatttc gtttctgacg aacttggcga aggcggcggt tgggttaggt 120
gtggcggcga cggcactaaa ctgcgcgtc tacactgttg atggtggcga gagagctgtt 180
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atcccgtatc tccagangcc gcacatatac gatattcgta cgaaacctca cacnttctcc 300
tccaagatct ggtacnaagg atcttcagat ggctaatcnc acccttcgtg ttcnctttcc 360
gccctgaggt ttcgcgtctc ccgtncattt tcc 393

<210> 7039
<211> 417
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-E7
<400> 7039

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tgttggttca atgaatacgc agagacagga gacatgggct tgctctgtca ctgagtcttt 120
tctcctctc gtcggaaaga atctggcttg tcttctcctt gtggcagaat cattactgat 180
aggtttggtt gctgttgacc anaggttgtc tgtcaaggag gggtacaaaa gaggaatccg 240

tattgaggaa aacaaagatg ctaagtgaca gtgacgatga cgacgatgat gaagacgctg 300
 atgaggacga cgatgatgag gatgatgcta atgatgaaag atttctcagg ggggtgaang 360
 ggatgaagga gaagaaggaa gctggatcca aaggatgatc ctgtgaccan tggtgga 417

<210> 7040
 <211> 372
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-E9
 <400> 7040

taacttacc aaacaagaaa cccaagaatc caaaatggaa atgctcaacg caataattct 60
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 agccaaaacc gcatcaccct ctaatccgac atcgtaccaa ctcacggct ctattctctc 180
 cttcaacaaa aaccgccacc gtcttctcca atggtacaca gatctctctc gtctctctcc 240
 gtctcaaacc atcacgctg atctctctct cggtcgctcg actatcatca ctgcaaacc 300
 tgaaaacgtt gagcacattc tcaaaacaaa tttttataac ntccctaaag gnaaancttt 360
 caagcgacct ct 372

<210> 7041
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-F10
 <400> 7041

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 attgaaaagt ctggacctga gtttttagtt gaacaagcaa agctttgcc tggtgaaatc 120
 acggttggtt ctttgggacc actaacaat ctcgcgttg ctgttcagct tgatccagag 180
 ttttcgaaaa atgtcggaca aattgttctt cttggtggag catttgagc aaacggaaat 240
 gtaaattccag cttcggaagc taatatcttt ggcgatcccg aagctgcaga tattgtgttc 300
 acatgtgggg ccgatataat tgctgtggga atcaatgtga cccatcaagt tattatgaca 360

gctgatgaca agggacaaaa ctagcatcat cnaangggga aaataagctc aatta 415

<210> 7042
<211> 378
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-104-Q1-E2-F5

<400> 7042

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gtcaaaagac tacagacatt ggtagtagca gccacaatgc tgtagaaagc agctctcaag 180
gcaatccaca aacatctgca actcctcctt tgccctccacc gtctctggcg ggtgaaactt 240
cagggtcttc tcaacccaaa ttacctctc acaacctaaa tagcacagaa ccaactgtcct 300
ctgaagcaat cataattcca ccacctgaag aagattctgg tgatagcagc agcgccatct 360
gaagcaccag ggcctagt 378

<210> 7043
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-F6

<400> 7043

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tctgatgcca gctcttttgt ggtcctttac attgtaatgt ctgtatactt ttctggagtt 120
atggttcgtc ttatgctcgt gcttgctcca gcagcatgca tcatgtctgg gattgcgctc 180
tctcaagctt ttgatgtttt cacgggttcc atcaaatacc agttangcgc atcgtctaata 240
tccacagatg atgcaganga caacacttcc acnaacaatg ccccaaaaga tgatgtttct 300
gctggtaaga ctgacaaggg tgaaagagat tgtaaaanag cggctctcca aaaagggcaa 360
gaagaaanag agagaaccgg ctgataaanc ttctgttaag gccaaagatta aaaagaangc 420
t 421

<210> 7044
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-G11

 <400> 7044

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 taagaacatg cataaacata ctcgcaatga cagaggtttt gcatgcagaa gtgccttcct 120
 ttatcgggga caccaatggt gttaagcttt cttggaaaga agccacaaag ccattagcct 180
 atacaagagc tttatataca gacctaattgt atggcatacc cccggatatt gatgcgtttc 240
 ataattttat ggacaaactc tcagaagact tgctgaataa actagatatg gagggaatgt 300
 gcgaattaga agatgatcag gttcaaagca cttgtgggtt catcangact taaacaaagc 360
 acaagacacg tttccaagaa aagtaggant ttcctacatg aaaaatccca aagttacctt 420

<210> 7045
 <211> 417
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-G12

 <400> 7045

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 atcatcataa aatggattgt gattttctgat ttgtgagtct atctttctct actccattag 120
 cttectctcc cttggatggg tacgtcactt tctccgagct tacgtcatct atatccggtc 180
 ttcacttctt tttccttcca ttcctcagca gcattgcgta atctatctga gttcaagatc 240
 atatgatatt ttcactttct ggacaaaatg ggacatttct cttccatgtt caacggtata 300
 gctagatcct tctcgatcaa gaaagcgaag aacatcaaca gcangcaaaa gctacgctaa 360
 ggaagccaca gatgaaatgg gcgaganang gggaacaaag aaaggaccta atttggg 417

<210> 7046
 <211> 437
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-G4

<400> 7046

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cgtcgtcgtc ttccacaccg actttaatct gattcttaga atcgccggtt ggtttttaac 120
cagagagatt atctaccaag gaacgatgat tattgaaaga gctcgagttc cgttgagccg 180
atggnaacaa agcggccgtg gcgatgggat ctgcnctcgg tgcgttggt gatnctcgta 240
gagcggatcn aancgcagct ctngggcgaa actaccgta aaccagcttt tгнаатggnt 300
cttgagaaga atgaagaaga gcgnaagaan ggaagaagtn cgtttttcaa aatcaactca 360
acnttctctc cttangtggg ggtcaantca ttngattttt ggccttagga atggattgat 420
ttagaaaatt gnttcga 437

<210> 7047
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-104-Q1-E2-G8

<400> 7047

taagccgtgt tcttagacct ggaggagtat ttgtggccac cacatttatt tatgacggtc 60
cattcagttt tatccccctt ttgaagaatc ttcgtcagga aataatgaga tattcaggtt 120
ctcacatttt cctaaatgaa cgtgagcttg aagatatctg caaagcctgt ggtctcgta 180
acttcactcg tgttagaaac gggccattta taatgctatc tgcaacaaaaa cccagctaag 240
ctcacctct ttaaagtata tatacttttc tgtaaaaaat tggataaaag ttataaacat 300
tataacaact tgagttccat acagtatacc taatttgtaa agctttttgc aaatgttcct 360
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aaaa 424

<210> 7048
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-H3

<400> 7048

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 tcgaagacgc tgggtgcaacc ggtagggcaa aagaggttga ctaatgttgc agtgggttcgt 120
 ctcaaaaagc aaggcaatcg cttcgagatc gcttggtaca agaataaggt cttttcatgg 180
 cggctctggcg tggagaagga tatagatgaa gtgctacagt cgcatactgt ttattcaaat 240
 gtttcgaaag gagttcttgc aaaatcgaaa ngacttgatg aagtcgtttg ggatcaggat 300
 gatcatacga aaatatgcat cgatattttg gagaaagga gaacttcaag ttgctggaaa 360
 nagaaagaga atcacaagtt ctcaagccag tttcggggat atagccancg attgttatgc 420
 aagaaaacta 430

<210> 7049
 <211> 408
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-H7

<400> 7049

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 aaagcagatt ttgtgttcaa tttccatgga agacgaacca ggaagcgaaa atgaagcaga 180
 caccatagtt gcttcaccac ttgcaaatg gagaatcgaa ttctcgaaat cgtttcagaa 240
 ttacttagga cagatctgct cctaacattg ttcgaagatg gcttgtgact ttagtcgctg 300
 cagtgatcna tatctatagg gtttactctg tttaggggnc ttccgttanc tcntanggct 360
 tagcnactta tateentaan nntccgtga ttggtttcct ttccccta 408

<210> 7050
 <211> 430
 <212> DNA
 <213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-104-Q1-E2-H8

<400> 7050

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gacggcggca acgacatctt ccgctgttat tgaattaccg gcgaacgtag cagaagctcc 180
tcgttccaaa cgccattcca attcatacct ggcgagaaaa tccgccattt ctgaagttca 240
acgctcctcg ggattttctc tcttctctgc agagattagc aagcagtttt gaaggtacaa 300
gatttgaatg taattttgcg tgattttggn atctctggaa agatgggcag gatcttatac 360
angctctttg aatggatnga acaacatgga aagattagtg ttcaacctta cagtnactgg 420
cataaagttt 430

<210> 7051

<211> 436

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-105-Q1-E1-C10

<400> 7051

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tgccccttat gctggcaaag gtatgttgat gctcgtgagc aaccttgaan gtggatgtcc 180
cgcaactaag agagttcaaa caattctttt caacgttcaa gtcttacatg agctttatca 240
agctcaagca tcgatatccg catcgaaaaa catcgatgtg gagatgaatg ggagatgtga 300
attgctttcc aaggctatgt ctgcattgac tggaancaaa agcagccaat catcggaagt 360
taanaatgan catgttgtca antgggaaan actttggttg ngcagannan gcaaggttca 420
aggatgatgt ccttga 436

<210> 7052

<211> 415

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-104-Q1-E2-E10

<400> 7052

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ggcaatacaa tgggggattt tgatggccat tctcgtaggg ttttgagttg tgccttcaag 180
ccaacgagac ctttccgaat tgccacatgc ggtgaagact tcttggttaa cttttatgat 240
ggaccacctt ttaagtttca ctcttctcac agggagcatt ccaacttcgt caactgcac 300
agatattcac ctgatgggta ctaaattcat taccgtaagc tctgacaaaa agggatgat 360
ttacgatggc aagactgggg ataaanttgg ganaattggg cctcaggaag atggg 415

<210> 7053

<211> 456

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-103-Q1-E2-B9

<400> 7053

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cccacgcgtc cgaaaaatcg aaattctcat caatagcana aaaaaaatta ctcttagatt 120
ttcctcaaaa accttaatca atcgccggga aaatgaatat tccggtgact atttcctcca 180
ttactgtttc naataacgct gtttccgaca atcgctgtca tgtttcccg taaaatcgtc 240
agcgtaaga aaaccgtcac ttatatTTTT ttttctttc ttctcgttt ttgtgaagat 300
gatgatccac tgatttgaga gtagtagctt gagaggTTTT tagtagattt cgattttgcg 360
attatttttg tttcctggaa gagatctcat ttttttgcca cttccgatga tgaagattca 420
agccgattaa caacgattgc cgggcgaata gagtgg 456

<210> 7054

<211> 405

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-103-Q1-E2-C11

<400> 7054
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 tcaaggcaat ctctctctct ctgcctcatc tcataaaccc attacaccaa agcctcatcg 120
 tagagagaga aacacaccan ccattgttac actctaagag aagagaagag agaaggaaaa 180
 atggncggtg tatcaccaaa gtttgtgttg ccggagacat tcgacggcgt gaggatggag 240
 atcacaggcc aactaggcat gatctgggag cttgtaaaag caccaagtga ttgtccctct 300
 tcttcaatta gctgtttaca tctgtttgct tatgtctgtc angchtttat gtgaganggt 360
 ttacatggga atcgatcatcc gtcctcgten aactcttctg gaaaa 405

<210> 7055
 <211> 438
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-D9

<400> 7055
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 atcgatttga acggtgacgg cgaatgtggc ggcgaagtaa cttaccgggg aatccangat 120
 tccgatcagn gcnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngttgtggt 240
 gagctaaatt atgctaggga aaccggtgat gtaactcctg gaagcaactc tacggaaaga 300
 tatcatcctc tcttgaaaga tgtggtcgaa agttcctgac tccccgaag gagagttata 360
 tttcttcttc caagaagaac tgggattagc atgcatactt gctccaggga aaatggggtc 420
 agatgatgaa gatttcnc 438

<210> 7056
 <211> 465
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-E11

<400> 7056

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 gtcaaacaga aaanaatgga tctcttantg attatagccg gtttagtanc ggctgcaagc 120
 cttctttttc ctccgtagca cgaccaagaa atctctccgg ttanctccgg gaccaaaagg 180
 tcttcttatt anaggaaacc ttcaccaaga tggagaaatt caacccccan nacttccttt 240
 tccgtctctc caagctatac ggcccgattt tcacgaatga aaatcgggtg ccgtcgcctc 300
 gcggtgatct cctcggncca gctagccaag gagctactca aaactcaana cntnaacttc 360
 accgcgcgtc ctctcttgaa aagggaacn naccatgtcg natcaanggc gtgancgttg 420
 gtttcgggga gtacaaccgc cgtacgaacg gtgagaatga aggaa 465

<210> 7057
 <211> 459
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-F11
 <400> 7057

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 cgggtgtaaaa atagtcggag ctatggcgat gcaggccgga gttggcttat ccaggatctt 120
 tctcttagcc ggagcagggtt aacttggtac gatcatgatg aagaatggaa aattgtcggga 180
 tttgttgggt gaattgcana gtttggtgaa gggaatggag aaatctggag aagggtctga 240
 gggagattct gatgtttctg atgctatanc tgcacagggt cgccggttg ctatggagat 300
 tcgacagcta gcttcgcagc aacacataac ggtcatgaat ggagtttctg gtgcaaacct 360
 acaagccctt gctgttcttg ctgcgggcat tgggagctct cggatatggt tatatgtggt 420
 gggaagggac tctcaantca ctgaccttaa gtatgtgac 459

<210> 7058
 <211> 456
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-F9
 <400> 7058

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 tgcagtcgaa gagcttttca cgaacaacaa gattcaggtt ttggtctcaa caagtacctt 180
 ggcatgggga gtgaacctac cagctcactt aagttattat aaagggaaca gaatatttcg 240
 acgggaaaac caaaagatat gttgacttcc ctcttacaga gatcttgcaa atgatgggac 300
 gtgcagggcg accacagttt gaccaacatg ggaaagcggg tattcttgta catgaaccta 360
 aaaaaagctt ttacaaaaag ttcttgtagc aaccattccc cgtagaaagt agtttgaaag 420
 agaagctgca cgatcacttc aatgcgggaa atcgtc 456

<210> 7059
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-G11
 <400> 7059

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 agcgcagcta gtgcgcgcgg tgaggcaaga tggtttcggt taccacccgg gtcacgtttt 120
 cgacccggat actatactaa ttgaggcgta ttttgaccgg gtttgcccgg acagtagaga 180
 ctcttggncc ccaactgaagc aagctcttca tcactatgga tctcgcgttg cccttctcct 240
 ccatctcctt cctttaccct accatgacaa tgcctatgta acatcacggg ccttacacat 300
 tgtgaatacc gtacacgcca atgcnacctt cagtttgctg gaagggttct tcaagcatca 360
 agtcattggt ttacaacgcg caaacacaac tccctttcaa gacctgcagt tgtnggag 418

<210> 7060
 <211> 410
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-H12
 <400> 7060

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 cggaagagag agatcttctt caaggttcta cagagagttg atatttcttc tgagaacatg 180
 agagcacttc cttacgactt tgtgagaagc ttctccaaca atgagctctc tcgtaagatg 240
 aacgataaaa gctcgatggg gaagttcttg ggaagtagaa atctgcaaaa atccaagatt 300
 ctatttcatg gngaaatccg gatgggagaa ntttgtgacg tgacaatgcc ttgggagcca 360
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<210> 7061
 <211> 457
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-H9
 <400> 7061

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 tgaagttagg gatcagggtca aggcgaatgc aagggtcaggt ggctttgtaa tctctttaga 180
 tgtatcagtc acagaggaga ttgatctcga aaaatcagca tcaagtcatg atagagtaaa 240
 tgattataat gcttccttga gacaagagtc tagaaatcgg ttataccgag atggtggnaa 300
 aactcgctcg aaggacactg ataatggngc tgaatctcac ttggcaacgg aaaatcattc 360
 acaagagggt catggcaant cctgaagaca ttgataatga tcgtgaatac ngcaaaagca 420
 agagcatgng cctctctgca gcagatagat gaanaag 457

<210> 7062
 <211> 421
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-B3
 <400> 7062

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gaatttcctt ctgcgcactt tcggaagatt tgggcccata gctagtgtca agattatgtg 180
 gccagaaca gatgaggaga agaggcgaca aagaaactgt ggctttgttt cttcatgaa 240
 tagggctgat ggacaagctg caaaagatga aatgcaaggg atcatcgtgt acgagtatga 300
 actgaaaatt ggatggggta aagcagtttc tctaccgtca caagcattac ccgctccacc 360
 acctggacat atggctattc ngagtaagga ggggctgcaa cttgggtttt tctgggtcaa 420
 a 421

<210> 7063
 <211> 418
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-B4
 <400> 7063

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 cgaccgataa tgattcctcg aaggcattgg ttactatccc tgctccagcc gtttgtcttt 180
 tccggttcgc cggagatgct gctgggtggc cggttatggg ctctatcttc ggatatgggt 240
 caggattggt caagaagaaa ggcttcaaag gatcatttgc agatgcaggg cagtctgcta 300
 agacttttgc tgttttatct ggagtcaca gtttggttgt ttgccttctg aagcaaattc 360
 gangcaaana tgacgccatt aatgttggag taacanggtg tttgactgg gncttgct 418

<210> 7064
 <211> 394
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-C7
 <400> 7064

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 agtatatgga ttcaaagctt tagcggagct acatacatc tcgctatcta ctcttcaatc 120
 ctcaaattcat ctcaatttta tgaccagtct actcttgatt tcgtctctgt cttcaaagac 180

atcgggtggta ccttttggtat catctccggt ttcctttaca cggctatgac ttctaagtca 240
 cgcggttttg gtgggccttg ggttggtgtt ttcggtgggt tgggtcaagt ggtttggttg 300
 gattcttttt tatttgggct tcggtggttg ggttgattgc tccgccgcct gtgccgttga 360
 tgtgcntggt cgtgttcttg gctggtcact cent 394

<210> 7065
 <211> 407
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-C8
 <400> 7065

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 ataacaaacc caaaaaagga aggaagaagc aaaacccttt ctcgattgat tacggtcttc 180
 accacggtgg tggagatgga ggtggaagac ctcttaagct tatcgttttg aatgatccaa 240
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 gtgttacgta tctatgtact gataaggaga cagacgacgt ttttgcttgt aaatcgattt 360
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<210> 7066
 <211> 385
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-104-Q1-E2-D9
 <400> 7066

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 aattcagcag caccggggtc aaaagacaac cagttcgaga tgttcgtaaa atctgaaaag 240
 ctgttcaagg ctttggtctg ctttcaacag tagtaaaggc ggaacatcan aagattcgtg 300

gaagctggtg gatggattgt tgtcaatggg taaaggtttg gttganatta ataanancgg 360
 ttcgaaggag aatacttttn aacga 385

<210> 7067
 <211> 464
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E2-B10
 <400> 7067

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 atttgtttca gatcttctcc gaaaggatga agcggattgg agataaagaa atcgacgggtt 180
 ctgggtctca aaatcaacat ccagtgggct cccctcgaaa cgaattacaa gggcaatctc 240
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 taaaggaaat aaaggacgtg tttcatgac aaaagtacaa ataccatctg tttctcgaag 360
 attatgagcg acttcaaggc acaaaggacc gatacttctg tcgtgattgc acgagtcaaa 420
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<210> 7068
 <211> 497
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-F1
 <400> 7068

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 aaccctctat tcgagaggag gcctaagcaa ttcggtattg gtggagcttt acctcctaag 180
 aaggatctct ctgcgtacat caaatggccc aaatccatcc gtcttcaaag gcaaaagagg 240
 atccttgaag caaaaggttg aaggtcctc caactcctaa ccaattcaca aagactcctt 300
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tgccatccca tcttggttag attggggtgg cacgatgctg gtacttataa caagaatatt 300
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 agcatgctgc aaatgctggt ctgcttaatg ctttaaagct cattcagcct ctcaanngac 420
 aaggtatcta acaatctcct tatgcgggac ttattccaag tttagctant gc 472

<210> 7071
 <211> 502
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G1
 <400> 7071

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 ttcattctggt ttttctctga atccaaatgc tcgttggtgc agtgtttcat ttggactgaa 180
 tcactccaac aaacttcata tttctgctcc taagaaccaa aaggatccta accattcaat 240
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 tgggcgggac ttatagtcgg tgccctcgga tgtgtatatg caccacaaga ttaagcaagg 360
 cnatagcctg gagcagaacg gaaaangatt tcatgnagga aanttggcct aaaatcnata 420
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 aaattggctc angccttaaa ct 502

<210> 7072
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G3
 <400> 7072

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 ttcagtttag ggttttgggt ttctgtttgg tctctatcag atgatgtgtg aggagattct 180

tcctctgttt gtgtctgttt cagatggaag acaatgataa gtctccccct aaggattact 240
 ataagattct agaagttgat tacgacgcaa ctgaggaatt gatcagactc aattatcgga 300
 agcttgcatt gaagtggcat cctgataagc acaaaggcga tagtgcagct acagaaaaat 360
 ttcaagagat taatgaagct tataatgtgc tgatggaccc tgctaaacgt tttgagtatg 420
 atttactggt tatatatgag atccacanat acacnttacg ggaaatatc 469

<210> 7073
 <211> 441
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G5
 <400> 7073

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 gagctcaagt tctaattggc aacttgggtc tatcagaatg tggatatacga cctctcccca 180
 gaatctacac aacacccaga tccaatttcc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 atgggttcac gaggaattgg gcgttgaatg tgaggcacac cattaacgac accaatattt 360
 gaggagtctc cattggaggg aagatactan acagagatnc gattcagngt gcgcctccnc 420
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<210> 7074
 <211> 444
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G6
 <400> 7074

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 agagagtcca aattcgaaag agaaaaagaa tcaaattcct tcttcttcct tttttgattt 120
 tcaattatta ctttaattct ctttcccgct ctctattctt cttcttcttt aggatcaatc 180

accgttttagc tttcttccca tacgtctctc cgtttacgac cagtatacag aggctggagc 240
 tggggaagaa aaggattgtc tatggaggga agacgtcgga ataggtttgg tatgccanga 300
 atacnatgga tgggaaggcg agtaatggna atggttttaga gaagactgta ctttcttgtt 360
 tccttaaggc tatggcatgt gtacctgang gangatgcta agtgtcactc nactgttgtt 420
 nctggggtgg gttttcggga acct 444

<210> 7075
 <211> 497
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-G8
 <400> 7075

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 gcgagctcag tgacgctgct tctatggagt cttcttcttc tcggtacact aagcgctatt 120
 caggccaaaa agtctaagga aaacttaaag gagatcacac acaagggtta ttttgatgtt 180
 gaaattgatg ggaaagcagc tggctgtatt gtcatgggtc tatttggaac gacagtcccc 240
 aaaactgtag agaatttccg agctttatgc actggggaga aaggaatagg taagaatggg 300
 aaggcgctcc attacaaggg gagttcattt cataggatca taccaagctt tatgctccaa 360
 ggaggcgatt ttacacatgg aaatggaatg ggaggagaat ctatctatgg tgagaagtgt 420
 gctgatgaga acttcaaact caagcatact ggtccaaggt tcttatcaat ggcaaagcc 480
 cggtcaagat accancg 497

<210> 7076
 <211> 453
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-103-Q1-E1-H3
 <400> 7076

acgcgtccga aaataattga gttttttttt taattagaaa caaatggggt tgagtgggtg 60
 tcttcatgtg gaggttgagg ttaagtctcc ggctgaaaag ttctgggtag cccttgccga 120

66773071636663

cggcataat ctcttcccca aagctttccc taacgactac aaaaccatcc aagttctanc 180
cggcgatggc aacgctcctg gctccattcg cctcattact tatggagaag gatctccact 240
ggtgaagata tcggcggana ggatcgaagc agtggatttg gngaacaaaa gcatgtcgt 300
cagcatcatt gggcggagaa atgttggagt actacaaaac cttcaangga accatcancg 360
ttatccctaa ggatggtggg taaccttctg aaatggtctg gtnagatttg agaagaccgc 420
ccatgnagat tcgaagatcc acaatggtca tcn 453

<210> 7077
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E1-H4

<400> 7077

acagnanga aacgtcccaa cgagctcaga gagccacacc antcctcctt tttcttcttc 60
ttcttcctcc tgcatttttg gttttggngg cgttgagaca tcatcatgtc nancgcagag 120
gatgtgaaag agcaaggaaa cctcaccaac gaggcanaa agtcaatgcc atcatcacan 180
caggangang ctgttgtaaa gaagaagtat gganggtca tgccaaanaa accacctctc 240
atttccaang atcatgagcn agcatacttt gactcanctg attgggctct tggaaaagca 300
aggtgttgcg aagccaaang gaccctgna aagccttcgt cgcaanttac aaccaacgca 360
gcagcagaca cgttacaaga agtctccatt tctccatctg aaggtggttc aanatggang 420
agctgctcca gggccgacng ggaggtt 447

<210> 7078
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E1-H6

<400> 7078

acgcgtccgc ccacgcgtcc gtttgtactc gaagtaacat actttttaca atcacatttt 60
tgaagaactt tcattccata aatctacaga tctttgtgta tcaagtaaag agatgtcagg 120

aagaggaaaag ggaggaaaag gattgggaaa gggaggagcg aagaggcaca ggaaggttct 180
gagggataac attcanggaa tcaccaagcc tgctattcgt cgtcttgctc gtangagggtg 240
gtgtcaagcg tatcacgtgg nctcatctac gangagacca gaggtgtcct caagatcttc 300
ctcnagaatg ttatccgtgg acgccgttac ctacactgag cacgccagga ggaagacngt 360
gaccgccatg gngggtgtcn acnctttgaa caggcaaagn ctntctncta cnggnttcgg 420

<210> 7079
<211> 433
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E2-A10
<400> 7079

aacggggccg gccacgcgt cnaanaaaac anaaagtagc ttctccanga cgcggttccc 60
aatatctgcg tttcccgttt gcgttttccg gcaatggctc tccaagccac tactactang 120
ttctgcttct ccggtccaac tttccgatca actcctcact cactcacttc aaaacgtcct 180
atctccatca aagctactac ttctttctct tcaagactct ccaattcacg atctaacttc 240
aaaggaagag catttgtctag tgatgggtca acacnagaa tctccttatg tantctgttt 300
tggngaaaatg ctaatcgant ttgtncgcac gacaagcgga ctttcattan ccgatgcacc 360
ggggttttaa aaagctccag gtgggtgcac ctgntaatgt anctgggttg tatgctngtc 420
cttgggtggg ttc 433

<210> 7080
<211> 439
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E2-A11
<400> 7080

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tccacccatt gttatctctg tagaagcgtg agagagatca cgcggtgttca ccgacacaat 120
caaaatatgg cgaacggagc cgatagattg ggatctggac ggtaaaccga ttaagccgat 180

gacgatatgn nngatcgggtg ccggagggtt cattggctct catcncctgtg agaagcttat 240
gacgngact cctcacaagg ttcttgcgct tgatgtttac aatgataaga tcaagcactt 300
ggnttggagc cngnnaccgt tcaatgggct ggtcgggntc cagtttcagc cgtancanca 360
ttaaggcatg antctagacg tganggactg atcaacatgg cagatttgac ganaaatcta 420
gctggcgatt cngttctcc 439

<210> 7081
<211> 506
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-103-Q1-E1-E8
<400> 7081

tggttggccc ggccgtancg gtaaaggaaa ttcccgggtc gaccacgcg tccgccacg 60
cgtcngcctc ttctctcat tatttttgtt ctgccaccg aaacaacaga agttgcagac 120
tttatccgaa ttaggggtt cagctcggtc tctcttctcc aattatcaga tccacgaaac 180
tctacttttc ggatcagggtc tcagcttctc tatcgtttgc ccctcagatc aacaaagttt 240
catgtctgaa cttgattccc aggtccctac tgccttcgac ccgtttgctg atgcgaatgc 300
tgaggactca ggtgcaggaa caaaggagta cgttcatatt cgtgtccaag cagcggaatg 360
gtaggaaaag cttgacaacg gtccaggggc tgaagaaaga gtacaacgac accaagatac 420
ntaagggncc tcaagaaaag aantttgctg caanggnanc tgtgggttca aggactcagn 480
actcggacag ggttattcaa cnttca 506

<210> 7082
<211> 499
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-100-Q1-E1-H11
<400> 7082

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aagctcgctt tttaaagggt tcatatgatt ttcttggctt caactattac gtcactcaat 120

acgcccacgc ccttgacca agtcctccgg aaaaactcac tgccatgacg gactcactcg 180
 caaaccttac atctcttgat gcaaattggc aacccctgg tccaccgttc tctaaaggca 240
 gttattacca cccaagaggg atgttaaacy taatggagca cttcanancc anatacgggtg 300
 accctttaat ctatgtcacc gataacggnt tcagtacctc cgggtgggcc atacccttca 360
 ccgaatcatt tcacgattac aaccggattg attatctctg cagtcactca tgttttctcc 420
 gcaaggccat caangagaag cgtgtcaacg tnaaangata ctttgtntgg tctcctgggg 480
 ataattacna ttctgcaac 499

<210> 7083
 <211> 420
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-100-Q1-E1-H7
 <400> 7083

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 atcaacttcg ccattctcgt ttttgtttcg atcccaatcg agttttctct caatttgaga 120
 aatgggttca ctgaaaaagg acggcgagat cggatatgag ttacggagg cgttactgta 180
 cgtaaacggc gttcgtagag tcttgccctga tggattggct catatgacac ttctcgaata 240
 tctcagagat ttaggattga ccggtacaaa gctgggatgc ggcgaagggtg gttgtggggc 300
 ttgcacgggtg atggtgtcta gttatgacag gaagtcaaag acctctgtgc antatgctgt 360
 caacgnctng cctagcacct cncnaagcng gtagnaggga tgcattgtag atccangtgg 420

<210> 7084
 <211> 436
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-B5
 <400> 7084

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 agcagagaaa gctaaagaag cttttctaga tgatgacttc gatgttgctg ttgacttata 120

ctccaaagcc attgacttgg atcccaattg cgccgccttc ttcgccgatc gtgctcaggc 180
 caacatcaaa atcgataact tcaactgaagc tgttgtagat gcgaacaaag ccattgagtt 240
 ggagccaacg ttggcaaaag cctatctcag aaagggcact gcttgtatga agctagaaga 300
 atatagtact gctaaagcag ccctggaaaa gggagcttct gttgcaccga atgaacaaaa 360
 gtttaagaag atgatagatg aatgngatct tcgtattgca agaagaagaa gaaagattgg 420
 gtcaancgat gccacc 436

<210> 7085
 <211> 413
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-C2
 <400> 7085

actcaaagga tgttcatacc gagctgattc aacataaacg agcttggatg ataaaacgtg 60
 gtattgtcaa agggaagctc tctgtagact cagccgagca acgcctcgcg gggttatgtc 120
 ctcttatgcc anaagaagtt ggtattcttt tacgagctta tggataactca tgggatacaa 180
 tcatatatgt cgctggggga gaggtttttg gtgggcanag aacgttaatt cctttacatg 240
 gtatgtttga gaatgtcggt gaccgtactt ctctaagtac tanctgggag cttgctaaaa 300
 tgtatggggc gtgaggcaaa gcataatgat atcaagaaaa tgacacctcc ttcgatcgag 360
 gtagaaacga ngcatgattc attgaaaagc acaagacaag agacctcaac cgc 413

<210> 7086
 <211> 412
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-C5
 <400> 7086

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 tgcgtgaaga tgatagagaa gtgtatagga gcgcatcggt ttcggagatt acagagattc 120
 atgctgcaag ggaaagtgac gattctttgt ctcgttctca ccgtcatcgt cttacgtggc 180

anaatcggag ccggtaanntt tggtagcccg gagaaagata tcgangagat ccgtgagcat 240
 ttctttctaca cgcgtaaacg cggcgagcct caccgtgtcc tcgtcgaggt ctcttccaaa 300
 acgacgtcgt ccgaagacag gangaaatgg gggtaacagc tngganacch tcgagtanca 360
 anacggtatt cgttcatcaa aggagacgaa gngganagct cgaataccgg gg 412

<210> 7087
 <211> 395
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-D2
 <400> 7087

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 gagacacgat ttcatcaca atgggtcaaaa ggtatttgag tgggatcaaa ccctggaaga 120
 agtgaacatg tacataactt tgccgccaaa tgttcatcca aagtcattcc actgcaaaat 180
 ccagtcgaaa catatcgaag ttggcatcaa aggcaaccct ccctatctca atcacgatct 240
 tagtgctcct gtgaagactg attgctcggt ctggactcta gaggatgata taatgcacat 300
 taccctgcag aanagggaga aanggcacaa atggggcatca ccgattctgg gacaggggtca 360
 gttaggatcc ttacgccact gatcttgang cagaa 395

<210> 7088
 <211> 415
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-D3
 <400> 7088

atcttgcgac tcttcttctc cttatctct aaatctctca ccggtcaccg acgacgggaa 60
 cttggtagtt acaggaacaa gaaatgtcct cgaagtccc tctcggtgta cgcttcatca 120
 ctcatctct tcttgtact cgtctcggt ccatgaattc tggcgccctt atctattcat 180
 ttcgttccgt tctgttcta tccaaagcct ttccttttag gttaaagtac attggattag 240
 gttcccggt caacttttca acccgaccag agagatctca anccgaattc gcgcggcgaa 300

gtggagctgg aggaganatt cgcgcgtcca agagcttgat tgaggatgag gcagagctta 360
gtgattgggt gagcgatttg cacggactaa gttcgttgcg cggggaagtt cancg 415

<210> 7089
<211> 388
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-101-Q1-E1-D7

<400> 7089

atcaatggtg gatgagctgg aagcaatgtt agatgtggta gacccgcaac cgcaggggaa 60
atcattgtcg atgagaagaa gaacatttga tatgccagac agtttgatcc gcanagaaat 120
cgcagagggga gtgactcaga ttgtgcagat gcttgaaacg gaagaagaat gatggaatgg 180
agcactgtgt gtttgtgact caggggctgt ttttgttggt gtttgtgact gggaagaact 240
gatcagcctc tttagtttga ttagtggtct gaatgtttct aattatgcag acaaaaattaa 300
taatgagagt ggcttgaaca agagattggg gtctcgctcg catcagtctc atctctcana 360
ncttggtccc tccttagtcc ggttnctg 388

<210> 7090
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-101-Q1-E1-F11

<400> 7090

acgcgtccna acaaaagaag atccaaagat gagtgaagaa gcatatgaag aaactcagga 60
atcaagtcaa tctcctcgtc cggttccaaa actgaacgag aggattctct caacactatc 120
caggagatct gtatctgcac atccatggca cgaccttgag attggtcctg aagctccatt 180
ggtcttcaat gtggtggttg agatcacaaa gggaagcaan gtgaaatatg aacncgacaa 240
aaagaccggt cttatcaagg ttgaccgat cttgtactcc tccgttggtt anccacacaa 300
ntacggattc ancccacggn cattgtgtga aggacaacga tcctcttgat gtcntggtc 360
cntatgcaag gaaccantgc ttccnnggat gntcctccg tgccata 407

<210> 7091
 <211> 398
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F3

<400> 7091

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 tgaagcggcg tcgctcgacg tttattattc cgacgactag gcctttgagg cagtttctga 120
 ttaacttcag gcgataatgg caaacagAAC agatccgttg gcaaagaata taagaggaac 180
 gaatccgcag aatctggttag agaagattgt gcgaacgaag atttatcagc acaccttttg 240
 gaaggagcag tgctttgggtc tcacggcgga gacattgggtg gacaaagcta tggagctcga 300
 ccatctaggt ggtacctttg gtggttagccg caagcctact ccgttccttt gcctcatatt 360
 gaagatgctt caaatccagc ctgagaagag acanggca 398

<210> 7092
 <211> 428
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F4

<400> 7092

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 cattcacaat ggtcaaaagg tatttgagtg ggatcaaacc ctggaagaag tgaacatgta 120
 cataactttg ccgccaaatg ttcattccaa gtcattccac tgcaaaatcc agtcgaaaca 180
 tatcgaagtt ggcatcaaag gcaaccctcc ctatctcaat cacgatctta gtgctcctgt 240
 gaagactgat tgctcgttct ggactctaga ggatgatata atgcacatta ccctgcagaa 300
 gagggagaaa gggcaaacat gggcatcacc gattctggga cagggtcagt tagatcctta 360
 cgccactgat cttgagcaag aaacgggtca tgctccaaaa gtttcaaaga agagaaaccg 420
 ggattcna 428

<210> 7093

<211> 483
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F6

 <400> 7093

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 gcgtgggctg cgctgtcgct gtgtctctct ttctcactct gttccataga tctgagcttc 120
 tatcaatatt ctcgatcgc tatcagtcaa atcttaagaa ttctgtcgct ttagctcaat 180
 tcggattgtg gaggaagttt taggatttga tctccatctc gtatccaagc atggttgctc 240
 ctgtgcctcc agggggcacct agacccaaca gccagcaaaa ttccgggcca cctaatttct 300
 acccggttc acaaggaac tcaaagtctt tagccgacaa tatgcagaac ttgagcttga 360
 atcgaccacc tccgatgatg cctggctcag gtcctagacc acctcctct tttggtcagt 420
 caccanangc ctttctctca gcaatccctc tcttatggag ctccgcaacg tngggccttc 480
 aag 483

<210> 7094
 <211> 405
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-F8

 <400> 7094

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 ttatttctct caatttcttc tctctgatct gaattctcgc cgagtgaatc tagaaccagg 180
 caagctcaa ttaggtttta ggttttcaag cactctgttt ccaatgctgc ttccgagatg 240
 gtttgagaa gcgttggtgc tccnactttc aattcttgcc tgttcaaacg ctgcatttat 300
 cgggtgaaac attggcactg atctcacaa catgccaccg cttcagaca ttgtnacact 360
 tctcaaatca caanaagtca cacacgtccg tctctatgat gctna 405

<210> 7095

<211> 427
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-G2

 <400> 7095

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 atctaagatt tactgatttt gaagtggaga agaaattagt tgtctcgaca aacccacta 120
 gaaactttgt ttagtgtgtc ttcttaaagc ctgcaagatg cagagaccac ctctgaaga 180
 tttctccttg aaggagacga gacctcatct aggtggagga aaactctctg cgnnataagc 240
 ttaccagtac ttatgacctt gttgagcaaa tgcantatct ctatgttcgt gtgggtaagg 300
 caaaggagtt acctggcagn ngatatgact ggtangttgt nacccttatg ttgagggttaa 360
 gcntgggaac tacgaangca ncancaangn nttcnagaag gaatcgnatc ctggagtggg 420
 acaagnt 427

<210> 7096
 <211> 381
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-101-Q1-E1-G4

 <400> 7096

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 gaaggactta gaatagaaga tggtctagtc agaattgctc ttctgatacn agttcaggag 120
 aaggtgaaat ttgtagaaga tcatccaggg aaacctgttt tcccctctcg cattcttgaa 180
 agattccccg gactganaag tggnaaaatt tgggaaggagg aacatgacaa gataatgata 240
 cgtgctgttt taaagcatgg gtacggacgg tggcaagcta ntgttgatga caaagagttg 300
 gggatccaag agcttatctg caaanaattg aatttccttc acataangtt tgtctgctgc 360
 tgaacaagct ggnttgacgg g 381

<210> 7097
 <211> 413
 <212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-100-Q1-E1-G7

<400> 7097

aatgccaaga ccaagagttt cagagttgtc tcagaggcaa gtcccaaggc tgaggtcatc 60

gtcatctact tctgattcca atcattccaa ccgtctgac actacggatc aaagttttta 120

gcccggtgtt gaccgtaa atcctcgaag cgggtggacct aacagtgatc cgcttgggtca 180

gaagaaactt gggggacgaa tatcggatct agagtcgcag ttaggacaag cgcaagagga 240

actgagattg ctcaaggagc agttggctaa tgctgaagct gtgaagaaac angctcaaga 300

tgagcttcat aaagaagtcc aangaacca aancgctgg gctcgagtgg angaatcng 360

caactgaagg ctganaagga tttgatagag acgaaatncc ctggttaatg ttg 413

<210> 7098

<211> 467

<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-099-Q1-E1-E11

<400> 7098

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gaatgaaatc gatggctccg acggcgacgc tggacaacaa tgaggagctc cggcgactca 120

gggagggttaa tattgacgaa gctccggggc gtcgtcgtgt tcgtgattcc ttgaaagata 180

ttcagcttaa tctcgatcat atcctcttca agacaccaga aaatgggatt aagacaaagg 240

agtcttttga ggtgaattcg agaggagttg agattttctc taaaagctgg cttcctgaag 300

cttctaagcc tagagctttg gtttgtttct gccatggtta tggagatact tgcacatttt 360

tcttcgaang aattgcaagg agattggcat tgtctggata tggagtttt cgctatggat 420

tatccgggga ttcggcttat cagagggctt gcatggttat atccct 467

<210> 7099

<211> 488

<212> DNA

<213> Arabidopsis thaliana

<211> 515
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-G10

 <400> 7101

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 cgcgccggc ataaangaag anatcanatg agagtcctca tgtgtatgca attgcagata 120
 cagcaattcg cgaantgata cgcgatgaag ttaaccaatc tatcattatc agcggcgaga 180
 gtggagcagg gaaaactgag actgctaana tagctatgca atacttggct gctcttggag 240
 gcggaagcgg gatcgantat gagatactta agactaatcc cattttggaa gcatttggaa 300
 atgcaaaaac attgagaaat gataattcta gtcgttttgg gaagctaata gagattcatt 360
 ttagtgaaag tgggnaagat atcgggtgct caaattcaan cctttttact agaaaagtct 420
 agagtgggcc aatgtgctga angggaaagg tcatntcnta ttttttanca actttgtgct 480
 ggggcttcac ctgcacttag agagaangcc aaatc 515

<210> 7102
 <211> 499
 <212> DNA
 <213> Arabidopsis thaliana

 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-G4

 <400> 7102

 gcatctancg gtcgacgatc ccgggtngac ccacgcgtcc ggncaaantt ccgacttttt 60
 gcttctccca naggctaate atggacgctg tggcggcgaa tttgtttcaa tctccttctt 120
 tactgcgtca aacttccgaa aggttgatat tttcgacgcc caactgtcct ggcttcatgc 180
 gaattagctc cggacctcaa tttcgtctca gacaaaactc ttctcttaaa ttctcgagac 240
 catttcaaag cggaacaact tgtgttaaatt ctcgagaag ctttgtgggt aaagcttcag 300
 cttctgggtg atgcttcaac agaataatc gcgccgttc agttgaagtc tcctgtggga 360
 cagtttctgt cacagatatt aagtgagcna tccgtcatct tggtcnagca gnctgttgaa 420
 cagcagcttg annangctcc aagattgatt cgagacgctg aaagannaag ngttaagatt 480

gnatcctctg tccttggga

499

<210> 7103
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-H1

<400> 7103

acgcgtccgg ttnagagctt agaagccgtc ggcacagnaa gaagaagaan aagantgtct 60
cacaggaagt ttgagcaccc aagacatggt tctcttggtt tccttccaat gaagagagct 120
aaccgtcaca gacgaaangt gaangcggtc cctaangatg accaaaccan gccttgcaag 180
ttcacagctt tcanggggta caaagctggt atgactcaca ttgtcagaga agtggagaan 240
cctggatcca agcttcacaa gaagganaca tgtgaggctg ttaccatcat tgagacacct 300
gctatggtgg ttgttgaggt tgttgccat gtgaaaactc ctagangttt gaggtccttg 360
aacaccgtcn gggcacangc aatttgangt taaggaagtc aaggncaaag gtctacaaga 420
antggggcta aatncnaaga agaaggnttt caactgggtt accctaa 467

<210> 7104
<211> 510
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-H12

<400> 7104

cgggtccngg cctacttttc gtgncccagg gtcgganaat gcgtcgggnc ncgcgtccga 60
ttcaacagag gtttttgata ttggagggaa tcggtaacgg gcatggaagc cactgatcca 120
agcgcagaga tcgagctcta caccattcct gctcaatcca gttggttctt atgggatgat 180
atacacgaaa ttgaaagacg cgagtttgcg gagttcttca ctgagagctc aatcactaga 240
acccccaaag tttacangga gtaccgagnt tt cattatca ataagtttag agaggacact 300
tgtcggagac tcaccttcac cagtgtccgc angtttcttg ttggcgatgt caatttgctc 360
caganagttt ttctcttcct ccgaaaaatg gggattgatc aatttttagct cttccctgan 420

661133-163333

gaanaaatga ccatacntatt gtccgtggat aatgctnaaa tngaacaagg gactcctgct 480
 tgggnattcnn gttactggca acccctaant 510

<210> 7105
 <211> 469
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-100-Q1-E1-A12
 <400> 7105

ccacgcntcc gaaaaatatg tanntnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnccg 120
 ctggacgtcg aaacaacctg cctcgtccaa acctcagaag acgatgtaag gtcaccgctt 180
 cacgggctaa tattgaacaa gaaggtaaca cagtgaaga acccattcag aatattaaag 240
 taaagggata cataacggcc caagaagagt ttctggaggg cataacttgg tcgagaggtc 300
 tcgatgacat tgctgatatc cgcggaaga tnattgctcg tcgagcttat tagcgccaag 360
 actgaccagc ggattacggg agaagactac gcacaacgtg tatgggcca agccctgat 420
 gagaagtacg agtgcgagtt tgagatgcct gaagactttg gaccagtgg 469

<210> 7106
 <211> 423
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-100-Q1-E1-B8
 <400> 7106

gcaaataacg aaaaccatgg atccgaaacc aacctcgatg tggagctcaa ttgtgaagaa 60
 agatccacct tcaaagcctc cggttaacga cggagctccg gcagcgattc tcgggatggg 120
 cggaaactgc aaatccacaa aaggaatatc tattgcgggt gttgacgcca acgccatcat 180
 tgaaggacgt cagagcttaa caaacttcgc cgacaaattc gtaactgtcc ctgaggttct 240
 ctctgagatt cgtgaccctg cttctcgccg tcgtctcgct ttcacccctt tcactattga 300
 taccatggaa ccttctcctg aatctctaag taaagttatc aaatttgcaa gagctactgg 360
 tgatttgcaa tctctgtctg atgttgatct gaagttgatt gctttgtcat acacgcttga 420

ggg

423

<210> 7107
 <211> 492
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-100-Q1-E1-C9

<400> 7107

actgncccg catcccgat cgnccacgc gtccggctnc ttcttctca anatctctct 60
 cttcancaaa tcctcagaat atgancaacg acaaggntag cttcnacgtc tccgatctta 120
 ctgctgctct taaggactag gatcganctg gccttgtcaa tgctctaaag aacangctgc 180
 agaatctggc tggtcagcgt tctgatgtgc tctagaatct gactcccaat gtgagaaagc 240
 gcgttgatgc cttgagggat atacagagcc aanatgatga actanaggca aaattccgtg 300
 aggagagaac tattcttgan gccaaagtac aaacgctgta tcangccttt gtatgtcaag 360
 cgttatgaga ttgtgaatgg cactactgaa tttgaactgg ctccagacga tgataccaat 420
 gtgnaccaan gagangagaa aactgcagaa ganaaaggag ttccaagttt ctggctgaca 480
 gctctgaaaa at 492

<210> 7108
 <211> 354
 <212> DNA
 <213> Arabidopsis thaliana
 <223> Clone ID: LIB24-100-Q1-E1-D6

<400> 7108

acttcgcccc ggccgggtacc aagtccaaaa attcccgggt cgaccacgc gtccgggtgac 60
 ccgtgtgggg acaataagtt ggtggaacac tggctcggcc cacgggtcgg atctgttgtg 120
 gcattgttcc gggctgcccc gtccaagctg agagtgatcc gtgtgtgtta agcgaaggct 180
 tggctcaggc gggtcttgca gtggagggca atgcgtgagg ctggtttcac agagcaagcg 240
 atcacctccc gctctcagca gtggacggat cacagctcga cgccactcag attcaccatg 300
 gcctgctggc tcgttcccag ctggaccacc aatttttgaa aaaaaaaaaa aaag 354

664730:468660

<210> 7109
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-100-Q1-E1-E1

<400> 7109

cgatctagta gtcacgcgac tccgcccgtcg attacatggc ttctnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ttcgccacgt 120
caccaaactg ctgcaacaaa tccaaccacc cttctccgcc gccagcggag gataatcttc 180
tccatctcgt cgctacttac ctccaaaatc atcaacaaga aactcaatgc tcctgcgaga 240
cttcttgta aaacttcaat gttattagaa gtcagaaccg tgttttgcgt cagcataaga 300
atgttcacg agaatacgac caagttgttc tgtcttgtct tctccgcaa atcgatgatc 360
ttgaatcttc actcaacaag ttttcatcnt tccatgacaa aagtccaaat tgaaac 416

<210> 7110
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-100-Q1-E1-G1

<400> 7110

aacttttacg ctgccccgtg ccggtccana aattaacggg tcnaccacg cgtccgntca 60
caaatcgtgt catcactttg tgggtatang cccctgaat tggtacttgg tgcaactaaa 120
tatggaccag cgattgacat gtggtcagtt ggatgcatat ttgctgaact tttgaatgga 180
aaaccaatct tgccctgggaa aactgagaat gaacaattga ataagattta tgagctttgt 240
ggatcacctg atgaaagcaa ctggcctgga gtttccaaga tgccttgga taaccaaagt 300
aaatcatctc ggcccttaaa gagacgcgta aggagatct acagacactt tgatcgccat 360
gcccttgaa tacttgagaa aatgttgga cttgacccat ctcaagagaa tatgcgcaaa 420
ggatgctctt gatgctgagt acttttggac tgattcgctg ccangtgatt caaagag 477

<210> 7111

<211> 495
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-D7

<400> 7111

tcccgacta gggccgana ttcccggtg gncacgcg tccgttcac ttcttctct 60
 ctgcttttgg aatcattata gtgataagag gagatggcgg atataacaga atatctagag 120
 agatcgatgc agaattgttc acttattgat cggagaagta gtatgggaga tggatttggt 180
 atgagcgatg aacatatccc gatctcagat agattcttgg agctcagttc tcacttctct 240
 gttccttctc atttggaaca gtgtcttgat cttaagacag gagagattta ctacagaagc 300
 tggaatagtg gaatgagagt gaaagaagat ccgagaaaat cgatgagtcg tggtaactat 360
 gcagaccaat ccaagtgggtg aatcgtctgg aacagttttt tcatcagaag aagttagctc 420
 ggtattatga aagcgaagag tcctcatcag agtcgtcncc ttcatcanga aagtatcaca 480
 aagaggaaca ggaca 495

<210> 7112
 <211> 485
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-097-Q1-E1-G5

<400> 7112

cngctttcgc ctggccgtaa cggcccgaa ttcccggtc gaccacgcg tccgaagaag 60
 atgacgtgct tctcttctgc tactcctcat cgccatcac ttctactttc ttctccatct 120
 acttccaaat cctgcttcg atttccctca tcttatctga aacctagccc cagtcttctc 180
 ttccatggct catctcgctc tctcctctcc tggtcagacg gcagcaacaa ccgtcctcct 240
 ccctccggtg acaccgtccc aaataacttc tgtatcattg agggatcaga gacagttcaa 300
 gactttgtgc agatgcagct tcaggaaatc caagataaca taaggagtag acgcaataag 360
 atatttctcc tcatggagga agtgaggaag ttacgtgtgc aacaacgtat caagagtgtt 420
 aaagccatca atgaggacag tnagctcnaa ggtaccgaga tgcctgagat tacatcctcc 480

aantc

485

<210> 7113
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-097-Q1-E1-G8

<400> 7113

tgaaaaccac agttcagaaa acggaggatg aggattatgt agaagggagc gaaacaggat 60
atcccgaggc atctggtaat ccggttgatg gtgcagcttc cccgtcagct accacaggct 120
atgtcacaaa gctagctgct gccccagctc ctgtaccoga tctgctaggt gacctaattgg 180
ggtcagataa tgctgcaatc gtcctttag atgaaccac aactccgtca ggctcgtccac 240
tgctgtttgt cctaccagca tcaaagggc aaggctctga gattagcgt caattaaccc 300
gacaagatgg tcaagtattc tacagtatgc tctcagaga caactcgcag tcacttcttg 360
atggcttcat gattcagttc aacaaaaact cattcggc 398

<210> 7114
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-097-Q1-E1-G9

<400> 7114

ccactgtttt gcttggctct ancggtccgg anantcccg gtngnccac gcgtccgctc 60
aaattttgaa actaatcatc tctctcttt tttcaaact acacagagaa tgggtgggat 120
tcgaaaacc ctgcgaaaac caaattgtta gattcgtctt cgatttctaa tgtcagagtc 180
gtccttaggg ttctctcttt tcttccccgg gagatttcgg acgagagttg tgacgggaga 240
tcgtgcgttt ccgtaatcgg cggcgatgga ggagatacca gcgaagtggc ggtttacctc 300
aaagatccag atagctgtcg taacgaaagc tatcagctgg gatgcgtttt acgggagaga 360
ggatgataat gtgaagcata tattcgatag agaagtaagc cctttgattc ctgggatctt 420
tcatggtttc aatgctactg tgcttgctta tgggagccac cggaagcgga aagactttta 480
cgatgcangg aatcgatgag ctacca 506

aaagaaggga aaga

494

<210> 7117
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-097-Q1-E1-H8

<400> 7117

ggtngacca cgcgtccgcg anttcccggt tcgtgaattt ctctctctct gtgtgaacaa 60
agacgaagaa gacgaagtaa cactgataga aaccctagtt ttttttttaa atccgtcgag 120
gcgtaatgtc gtcggagctg cagatttcgc cggcgattca cgaccgcaa ggtcaagaga 180
agcagcagca agccgccgga gtcgggattt tgcttcagat catgatgctt gtcctctctt 240
ttgtactcgg tcatgtcctt cgcgcgcata agttctatta tctacctgaa gctagtgcct 300
ctcttcta at tgggctgac gttggtggt taacgaacat ctcgaacacg gagactagca 360
taaggacatg gntcaatttc cagcatgaag ttcttcttct tgtttccgct gcctcccatc 420
atattccagt caggnttcag tttacaacct aa 452

<210> 7118
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-A1

<400> 7118

acgcgtccgc ganagaagat ttgggtatga ccatggtgga ggatatgacc gtgaaatggg 60
tgggaggcct gggtatggtg atgaaaggcc tcatggctgc tttatgggtc gctatcagga 120
ctgggaggga ggacgtggag gttatggtga tgcttccaac agtggaaatc ctcaaaggga 180
tggattgatg tcatacaaac aatttatcca ggagttggaa gatgatatat tgccatctga 240
agctgaacgc agatatcaag aatacaagtc agagtatatc acaacacaaa aactgccttt 300
tttaacaccc acaaaganga agactgggtg aaaaataagt ncatccaaca aacttactat 360
cctgtcatag aaaggaggaa tgaaccttgc acaagaangg tggcaaaagg atttccttaa 420

cttganttac aaaagccggg aacacta

447

<210> 7119
 <211> 508
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-A5
 <400> 7119

ctgtcttgcc tggcnctagc ggtccganta ttcccgggtg gcccacgcg tccgctnatc 60
 tcctaactctg tacggttctt atttcgaaag ggtaaaaacc aaaagcgacg caaagggcaa 120
 aatcggaaaa agtggtttat ttatggccgc cgtagtagt tcgtcggaga ccggagactg 180
 cggcgttacg ggaaagagag atgagatcat gttgttcgga gttagagtcg tggttgatcc 240
 gatgagaaag tgtgtgagtt tgaacaatct ctctgattat gaaaagtctt ctccggatga 300
 tgagatccct aagatagtca ccgccggang ctggagatgg gtgaanatna naacnanacg 360
 ggatgcgacg gtgatttgtc gctnacgggt acacctccgc caatgacgcn gtcanatttc 420
 gncgtcnccn ggcnggaagg aaaccnnggg gttncatgg acttagaacg aaccataaca 480
 anggtccttg agtggggttg ccccaaac 508

<210> 7120
 <211> 463
 <212> DNA
 <213> Arabidopsis thaliana
 <223> unsure at all n locations
 <223> Clone ID: LIB24-099-Q1-E1-B12
 <400> 7120

tcccgggtcg acacacgcgt ccggttnttt ttgttttgta aatttgcaa aaactccctc 60
 caaaaaaaaa cttagttgac tgagaaaact aagcaaaaag atctccgatc ggaatcttcn 120
 tattcgccat ggatgctctt tctcaggcga tcagttccgg gatctccgtt cttacaaga 180
 acaattcttc ttctctcggt ccttctcagc gactcacctc cttaatcctc cggaatcga 240
 gatctccggt gaatccctca tcacgatctc gcgtctcggt gcgagcttcg gagattcaac 300
 acagcaaac ctcagttca tcgatcgatc tcanccatcc agattggaaa ttacantatg 360

agaaagattt cgagcaacga ttcagcatat ctcagaanac tgatgtctta cctgatgctg 420
aaagccattc gtncancgtt ntgtcttaag nagaggcccc cga 463

<210> 7121
<211> 508
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-C2

<400> 7121

aacgtctgcc tgnccctaccg gtccggaaat cccgggtcga cccacgcgtc cgcccangcg 60
tccgaagcaa tccaaccgaa ccgactcaga gcttttgagt cttctaaatc tctatcgaat 120
ttttctaggg ttagggctcc tgatcgattt cgcgagctct gcgattattt taagtattag 180
gatccgaaat tagaaatggg tggagagggga gattcaagtc agccgcagag tggatgaagga 240
gaagctgtgg ctgtgaacat caggtgctct aatggcacga aatttagtgt gaagacgagt 300
ctcgattcaa cggtggagtc tttcaaagag ttggtggctc agagcagcga tgttccagct 360
aatcagcagc gcttgattta caagggctgt atcctcaagg acgattaaaa ctctcctcaa 420
gctaagggtt gcaaggctga ttacaccatt catatgggta naaggctctg caaccttcct 480
caacaccact cctgctcccc gccgcaaa 508

<210> 7122
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-D10

<400> 7122

tacnnttccg gaaacccccg gtccgacacac gcgtccggcg caagcaatgg tggatgcagc 60
tataaaggct gcatcatctg tgaaggaagg ggaanatntg aacacaatga tccaagaagc 120
cttagagttg gttggcaaaa atcagctatt acgcagctct atgggtcaaac atcacgagca 180
tgtaaatggc agtatagagc atcatcacia cccatctccn tcaaatggat nagagcctgt 240
ggcnaacaac gatttaaact cacaagatgg ttcagagaaa aacgctcaaa tgccttcana 300

gcttatcanc tcctgtgttg ccacttggcn catgattcag atgtgcacgg agagacagta 360
nctccagctg atgtgcaca agcttaannc acgcagcant cacaagcttn cagccacgat 420
tcccacangn anctanccga tttacagaga aantccaaaa ccttcatggg gacggnttaa 480
agactcaaaa caangtcc 498

<210> 7123
<211> 489
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-D3
<400> 7123

tgcctggcga ctagecgtcc gatnatcccg ggtggcccca cgcgtccgat aaactctctt 60
cttcttcttc ctctcaagta tcgaaaccga aacagagaaa catcaccacc aatgggatgt 120
tttatgggtt gtttcggtct ctcttccaac aaaaaacgca gaaattccat taggaagatc 180
cttcctcgag atcaaagaat ctgtagctat gagccgctgc tttcttcaga tccgacagat 240
ttcagtactg tttcagataa ccctgaaaag atctcaaatt cgaacctcnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnttga 360
cttgaatgta caaacctatg ancctattgt ancttcanga tatgagaatg cttngcagtg 420
atgatgnaag aggggaaagg gaggaaggag ccaggggatc ttcggntata gatagnгаа 480
ccagagggga 498

<210> 7124
<211> 500
<212> DNA
<213> Arabidopsis thaliana
<223> unsure at all n locations
<223> Clone ID: LIB24-099-Q1-E1-D6
<400> 7124

ttncgggcca cgtacggtcc gangatcccg ggtngacca cgcgtccgcy gacgcgtggg 60
cggacgcgtg ggctttctct ctccatgaga actctaattc ctcaccggca atgtgtgacg 120
tcaccgtttc ttatctccgc cgcattctcca ccgtttcctg gccggtgctt taagttatcc 180

